

Vikas Sharma

List of Publications by Year in descending order

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Version: 2024-02-01

202
papers

5,608
citations

71102

41
h-index

118850

62
g-index

203
all docs

203
docs citations

203
times ranked

7453
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Ultrasound-assisted synthesis of 1, 8-dioxodecahydroacridine derivatives in presence of Ag doped CdS nanocatalyst. Journal of Dispersion Science and Technology, 2020, 41, 1145-1158. | 2.4 | 9 |
| 2 | Development and characterization of SSR markers in Himalayan species <i>Betula utilis</i> . Journal of Forestry Research, 2020, 31, 1453-1460. | 3.6 | 5 |
| 3 | Dominant role of trioctylphosphine on the particle size and various properties of CoO nanoparticles. Journal of Magnetism and Magnetic Materials, 2020, 497, 166000. | 2.3 | 5 |
| 4 | Influence of surfactant, particle size and dispersion medium on surface plasmon resonance of silver nanoparticles. Journal of Physics Condensed Matter, 2020, 32, 145302. | 1.8 | 23 |
| 5 | Calcium incorporated copper indium oxide thin films - a promising candidate for transparent electronic applications. Thin Solid Films, 2020, 693, 137673. | 1.8 | 8 |
| 6 | Development of transcriptome-wide SSR markers for genetic diversity and structure analysis in <i>Macrotyloma uniflorum</i> (Lam.) Verdc.. Physiology and Molecular Biology of Plants, 2020, 26, 2255-2266. | 3.1 | 7 |
| 7 | Construction of a framework linkage map and genetic dissection of drought- and yield-related QTLs in horsegram (<i>Macrotyloma uniflorum</i>). Euphytica, 2020, 216, 1. | 1.2 | 16 |
| 8 | Development of polymorphic EST-SSR markers and their applicability in genetic diversity evaluation in <i>Rhododendron arboreum</i> . Molecular Biology Reports, 2020, 47, 2447-2457. | 2.3 | 32 |
| 9 | Al doping for bipolarity induction in transparent conducting CuInO ₂ and its application in diode fabrication. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 255, 114520. | 3.5 | 6 |
| 10 | Development of intron length polymorphic (ILP) markers in onion (<i>Allium cepa</i> L.), and their cross-species transferability in garlic (<i>A. sativum</i> L.) and wild relatives. Genetic Resources and Crop Evolution, 2019, 66, 1379-1388. | 1.6 | 27 |
| 11 | Thermoelectric properties of polyol synthesized copper telluride nanoparticles. AIP Conference Proceedings, 2019, , . | 0.4 | 2 |
| 12 | Total organic and inorganic carbon in soils under different land use/land cover systems in the foothill Himalayas. Catena, 2019, 182, 104104. | 5.0 | 28 |
| 13 | Thermoelectric properties of nanocrystalline lead telluride. AIP Conference Proceedings, 2019, , . | 0.4 | 1 |
| 14 | Discovery and Utilization of EST-SSR Marker Resource for Genetic Diversity and Population Structure Analyses of a Subtropical Bamboo, <i>Dendrocalamus hamiltonii</i> . Biochemical Genetics, 2019, 57, 652-672. | 1.7 | 22 |
| 15 | Synthesis and dispersion medium-dependent stability of cadmium sulfide nanoparticles. AIP Conference Proceedings, 2019, , . | 0.4 | 3 |
| 16 | Influence of Al doping on the magnetoresistance and transport properties of LaBaMnAlO (O ²⁻ x ²⁻ 0.15) manganites. Journal of Magnetism and Magnetic Materials, 2019, 471, 153-163. | 2.3 | 13 |
| 17 | Tin-incorporated nanostructured copper indium oxide delafossite thin films: Structural, electrical and optical analysis. Journal of Alloys and Compounds, 2018, 746, 435-444. | 5.5 | 10 |
| 18 | Electrical analogy for modelling thermal regime and moisture distribution in sandy soils. Geomechanics and Geoengineering, 2018, 13, 22-32. | 1.8 | 5 |

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|----|---|-----|-----------|
| 19 | Genetic diversity analysis using RAPD and ISSR markers revealed discrete genetic makeup in relation to fibre and oil content in <i>Linum usitatissimum</i> L. genotypes. <i>Nucleus (India)</i> , 2018, 61, 45-53. | 2.2 | 15 |
| 20 | Synthesis, characterizations and catalytic activities of CoFe ₂ O ₄ nanoparticles. <i>AIP Conference Proceedings</i> , 2018, , . | 0.4 | 0 |
| 21 | Genetic diversity and structure of <i>Betula utilis</i> accessions of North-western Himalaya based on RAPD and ISSR markers. <i>Nucleus (India)</i> , 2018, 61, 145-152. | 2.2 | 4 |
| 22 | Preparation of n-type Copper Gallium Selenide thin films by tin doping and analysis of its structural, electrical, optical and transport properties. <i>Materials Chemistry and Physics</i> , 2018, 215, 56-61. | 4.0 | 0 |
| 23 | Forms of Potassium in Mango, Citrus and Guava Orchard Soils under Rainfed Foothill Region of Jammu. <i>Journal of the Indian Society of Soil Science</i> , 2018, 66, 336. | 0.2 | 0 |
| 24 | Analysis of genetic diversity and structure in a genebank collection of red clover (<i>Trifolium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 376-379. | 0.8 | 13 |
| 25 | Genetic and phytochemical diversity analysis in <i>Bunium persicum</i> populations of north-western Himalaya. <i>Physiology and Molecular Biology of Plants</i> , 2017, 23, 429-441. | 3.1 | 15 |
| 26 | Studies on Photoresponse and LPG sensitivity of transparent Al doped ZnO thin films prepared by thermal evaporation technique. <i>Materials Research Bulletin</i> , 2017, 93, 130-137. | 5.2 | 10 |
| 27 | Determination of Thermal Regime in Sandy Soils: Mathematical Framework ATHERES. <i>International Journal of Geomechanics</i> , 2017, 17, . | 2.7 | 6 |
| 28 | Analysis of genetic structure and interrelationships in lentil species using morphological and SSR markers. <i>3 Biotech</i> , 2017, 7, 83. | 2.2 | 13 |
| 29 | Influence of particle size and dielectric environment on the dispersion behaviour and surface plasmon in nickel nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 14096-14106. | 2.8 | 53 |
| 30 | Cytomorphological variations and new reports of B-chromosomes in the genus <i>Plantago</i> (Plantaginaceae) from the Northwest Himalaya. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017, 234, 69-76. | 1.2 | 4 |
| 31 | Development of genome-wide SSR markers in horsegram and their use for genetic diversity and cross-transferability analysis. <i>Molecular Breeding</i> , 2017, 37, 1. | 2.1 | 30 |
| 32 | Development and Characterization of SSR Markers to Study Genetic Diversity and Population Structure of Horsegram Germplasm (<i>Macrotyloma uniflorum</i>). <i>Plant Molecular Biology Reporter</i> , 2017, 35, 550-561. | 1.8 | 19 |
| 33 | Ultrasound-assisted high-yield multicomponent synthesis of triazolo[1,2- <i>a</i>]indazole-triones using silica-coated ZnO nanoparticles as a heterogeneous catalyst. <i>Green Chemistry</i> , 2017, 19, 5885-5899. | 9.0 | 36 |
| 34 | Development and characterization of novel microsatellite markers in <i>Trillium govianum</i> : a threatened plant species from North-Western Himalaya. <i>3 Biotech</i> , 2017, 7, 190. | 2.2 | 5 |
| 35 | Effect of additive on Zeta potential and particle size of nickel nanoparticles. <i>AIP Conference Proceedings</i> , 2017, , . | 0.4 | 2 |
| 36 | Genetic Diversity and Structure of Pea (<i>Pisum sativum</i> L.) Germplasm Based on Morphological and SSR Markers. <i>Plant Molecular Biology Reporter</i> , 2017, 35, 118-129. | 1.8 | 21 |

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|----|---|------|-----------|
| 37 | Cytogenetic Studies of Genus <i>Clematis</i> L. (Ranunculaceae) from the Western Himalayas, India. <i>Cytologia</i> , 2017, 82, 355-361. | 0.6 | 2 |
| 38 | Editorial: Structured Nanosystems for Dermal Delivery of Therapeutics: Options, Opportunities and Clinical Implications. <i>Current Drug Metabolism</i> , 2017, 18, 402-403. | 1.2 | 4 |
| 39 | Potassium Supplying Capacity of Some Citrus Orchard Soils in Foothill Himalayas through Quantity-Intensity Approach. <i>Journal of the Indian Society of Soil Science</i> , 2017, 65, 393. | 0.2 | 1 |
| 40 | Assessment of Genetic Fidelity of in vitro Raised Plants in <i>Swertia chirayita</i> through ISSR, RAPD analysis and Peroxidase Profiling during Organogenesis. <i>Brazilian Archives of Biology and Technology</i> , 2016, 59, . | 0.5 | 10 |
| 41 | Platinum nanoparticles-single-walled carbon nanotubes hybrid based chemiresistive sensor array for myoglobin detection. <i>Materials Research Express</i> , 2016, 3, 035006. | 1.6 | 3 |
| 42 | Thermoelectric properties of CuS/Ag ₂ S nanocomposites synthesized by modified polyol method. <i>AIP Conference Proceedings</i> , 2016, , . | 0.4 | 3 |
| 43 | High performance dendrimer functionalized single-walled carbon nanotubes field effect transistor biosensor for protein detection. <i>Applied Physics Letters</i> , 2016, 109, 243504. | 3.3 | 13 |
| 44 | Size-Induced Structural Phase Transition at ≈ 46.0 nm from Mixed fcc-hcp to Purely fcc Structure in Monodispersed Nickel Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2016, 120, 28354-28362. | 3.1 | 26 |
| 45 | Zeta-potential and particle size studies of silver sulphide nanoparticles. <i>AIP Conference Proceedings</i> , 2016, , . | 0.4 | 2 |
| 46 | Genetic diversity and population structure of <i>Rheum</i> species in Kashmir Himalaya based on ISSR markers. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2016, 223, 121-128. | 1.2 | 18 |
| 47 | A catalyst-free new polyol method synthesized hot-pressed Cu-doped Bi ₂ S ₃ nanorods and their thermoelectric properties. <i>Nano Research</i> , 2016, 9, 3291-3304. | 10.4 | 46 |
| 48 | Development of novel SSR markers for evaluation of genetic diversity and population structure in <i>Tribulus terrestris</i> L. (<i>Zygophyllaceae</i>). <i>3 Biotech</i> , 2016, 6, 156. | 2.2 | 11 |
| 49 | Production of genetically uniform plants from shoot tips of <i>Aconitum heterophyllum</i> Wall. a critically endangered medicinal herb. <i>Journal of Horticultural Science and Biotechnology</i> , 2016, 91, 529-535. | 1.9 | 8 |
| 50 | Nitrogen Mineralization as Influenced by Different Organic Manures in an Inceptisol in the Foothill Himalayas. <i>Communications in Soil Science and Plant Analysis</i> , 2016, 47, 194-202. | 1.4 | 7 |
| 51 | Precursor Mediated Enhanced Eugenol Production in <i>Ocimum sanctum</i> L. Through Tissue Culture Methodologies and Quantitative Estimation Through HPLC. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 241-246. | 1.9 | 3 |
| 52 | A methodology to determine thermal conductivity of soils from flux measurement. <i>Geomechanics and Geoengineering</i> , 2016, 11, 73-85. | 1.8 | 20 |
| 53 | Percutaneous Ilio-Sacral Screw Fixation in Supine Position under Fluoroscopy Guidance. <i>Kathmandu University Medical Journal</i> , 2015, 13, 56-60. | 0.2 | 11 |
| 54 | Hair Growth: Focus on Herbal Therapeutic Agent. <i>Current Drug Discovery Technologies</i> , 2015, 12, 21-42. | 1.2 | 51 |

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|----|---|-----|-----------|
| 55 | Acetabular Fracture: Retrospective Analysis of Thirty Three Consecutive Cases with Operative Management. Kathmandu University Medical Journal, 2015, 12, 279-287. | 0.2 | 5 |
| 56 | Development and cross-transferability of functionally relevant microsatellite markers in <i>Dendrocalamus latiflorus</i> and related bamboo species. Journal of Genetics, 2015, 94, 48-55. | 0.7 | 16 |
| 57 | Evaluating the Use of Antibody Variable Region (Fv) Charge as a Risk Assessment Tool for Predicting Typical <i>Cynomolgus</i> Monkey Pharmacokinetics. Journal of Biological Chemistry, 2015, 290, 29732-29741. | 3.4 | 67 |
| 58 | Characterization of novel polymorphic microsatellite markers in <i>Dactylorhiza hatagirea</i> : a critically endangered orchid species from western Himalayas. Conservation Genetics Resources, 2015, 7, 285-287. | 0.8 | 7 |
| 59 | A novel in vitro method to model the fate of subcutaneously administered biopharmaceuticals and associated formulation components. Journal of Controlled Release, 2015, 214, 94-102. | 9.9 | 75 |
| 60 | Optimal Surgical Ablation of Atrial Tachyarrhythmias During Correction of Ebstein Anomaly. Annals of Thoracic Surgery, 2015, 99, 1700-1705. | 1.3 | 30 |
| 61 | Off-Pump Coronary Artery Bypass Reduces Early Stroke in Octogenarians: A Meta-Analysis of 18,000 Patients. Annals of Thoracic Surgery, 2015, 99, 1568-1575. | 1.3 | 57 |
| 62 | Analysis of Genetic Diversity and Population Structure in Horsegram (<i>Macrotyloma uniflorum</i>) Using RAPD and ISSR Markers. Agricultural Research, 2015, 4, 221-230. | 1.7 | 29 |
| 63 | Development of SSR and ILP markers in horsegram (<i>Macrotyloma uniflorum</i>), their characterization, cross-transferability and relevance for mapping. Molecular Breeding, 2015, 35, 1. | 2.1 | 31 |
| 64 | Enhancement of in vitro growth of <i>Swertia chirayita</i> Roxb. Ex Fleming co-cultured with plant growth promoting rhizobacteria. Plant Cell, Tissue and Organ Culture, 2015, 121, 215-225. | 2.3 | 11 |
| 65 | Genetic diversity and structure of <i>Pyrus</i> accessions of Indian Himalayan region based on morphological and SSR markers. Tree Genetics and Genomes, 2015, 11, 1. | 1.6 | 38 |
| 66 | Comparison of the early haemodynamics of stented pericardial and porcine aortic valves. European Journal of Cardio-thoracic Surgery, 2015, 47, 4-10. | 1.4 | 9 |
| 67 | Identification and cross-species amplification of microsatellite markers derived from expressed sequence data of rose species. Journal of Plant Biochemistry and Biotechnology, 2015, 24, 359-364. | 1.7 | 3 |
| 68 | Highly sensitive bovine serum albumin biosensor based on liquid crystal. Applied Physics Letters, 2014, 104, . | 3.3 | 25 |
| 69 | In silico selection of therapeutic antibodies for development: Viscosity, clearance, and chemical stability. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18601-18606. | 7.1 | 190 |
| 70 | A Review on Plants Used for Improvement of Sexual Performance and Virility. BioMed Research International, 2014, 2014, 1-19. | 1.9 | 101 |
| 71 | De Novo Aortic Insufficiency During Long-Term Support on a Left Ventricular Assist Device. ASAIO Journal, 2014, 60, 183-188. | 1.6 | 60 |
| 72 | A study on the extracts of <i>Cuscuta reflexa</i> Roxb. in treatment of cyclophosphamide induced alopecia. DARU, Journal of Pharmaceutical Sciences, 2014, 22, 7. | 2.0 | 10 |

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|----|---|-----|-----------|
| 73 | In Search of the Ideal Pulmonary Blood Source for the Norwood Procedure: A Meta-Analysis and Systematic Review. <i>Annals of Thoracic Surgery</i> , 2014, 98, 142-150. | 1.3 | 13 |
| 74 | Minimally Invasive Direct Coronary Artery Bypass Graft Surgery or Percutaneous Coronary Intervention for Proximal Left Anterior Descending Artery Stenosis: A Meta-Analysis. <i>Annals of Thoracic Surgery</i> , 2014, 97, 2056-2065. | 1.3 | 21 |
| 75 | Hepatic and Renal Function with Successful Long-term Support on a Continuous Flow Left Ventricular Assist Device. <i>Heart Lung and Circulation</i> , 2014, 23, 229-233. | 0.4 | 39 |
| 76 | <i>Acorus calamus</i> (The Healing Plant): a review on its medicinal potential, micropropagation and conservation. <i>Natural Product Research</i> , 2014, 28, 1454-1466. | 1.8 | 55 |
| 77 | Expanding relevance of aortic valve repair is earlier operation indicated?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 100-108. | 0.8 | 42 |
| 78 | Evaluation of a multimodal resin for selective capture of CHO-derived monoclonal antibodies directly from harvested cell culture fluid. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 969, 256-263. | 2.3 | 46 |
| 79 | Surgical Unroofing of Anomalous Aortic Origin of a Coronary Artery: A Single-Center Experience. <i>Annals of Thoracic Surgery</i> , 2014, 98, 941-945. | 1.3 | 62 |
| 80 | Biofunctionalized Gold Nanoparticle-Conducting Polymer Nanocomposite Based Bioelectrode for CRP Detection. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 984-997. | 2.9 | 13 |
| 81 | Specific Catalysis of Asparaginyl Deamidation by Carboxylic Acids: Kinetic, Thermodynamic, and Quantitative Structure-Property Relationship Analyses. <i>Molecular Pharmaceutics</i> , 2014, 11, 1345-1358. | 4.6 | 20 |
| 82 | Meta-Analysis of Staged Versus Combined Carotid Endarterectomy and Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2014, 97, 102-109. | 1.3 | 52 |
| 83 | Labile carbon pools and soil organic carbon stocks in the foothill Himalayas under different land use systems. <i>Geoderma</i> , 2014, 232-234, 81-87. | 5.1 | 76 |
| 84 | Characterization and Identification of F1 Hybrids in Eucalyptus by PCR Study using Random Primers. <i>Biosciences, Biotechnology Research Asia</i> , 2014, 11, 317-323. | 0.5 | 0 |
| 85 | Androgenic and Spermatogenic Activity of Alkylamide-Rich Ethanol Solution Extract of <i>Anacyclus pyrethrum</i> DC. <i>Phytotherapy Research</i> , 2013, 27, 99-106. | 5.8 | 38 |
| 86 | Reply. <i>Annals of Thoracic Surgery</i> , 2013, 95, 1844. | 1.3 | 0 |
| 87 | Influence of Accompanying Anions on Potassium Retention and Leaching in Potato Growing Alluvial Soils. <i>Pedosphere</i> , 2013, 23, 464-471. | 4.0 | 17 |
| 88 | Investigation into Temperature-Induced Aggregation of an Antibody Drug Conjugate. <i>Bioconjugate Chemistry</i> , 2013, 24, 1674-1683. | 3.6 | 104 |
| 89 | Repair of Acute Inferior Wall Myocardial Infarction-Related Basal Ventricular Septal Defect: Transatrial versus Transventricular Approach. <i>Journal of Cardiac Surgery</i> , 2013, 28, 475-480. | 0.7 | 11 |
| 90 | Label-free detection of cardiac troponin-I using gold nanoparticles functionalized single-walled carbon nanotubes based chemiresistive biosensor. <i>Applied Physics Letters</i> , 2013, 103, . | 3.3 | 30 |

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|-----|---|-----|-----------|
| 91 | AFLP and RAPD based genetic diversity assessment of industrially important reed bamboo (<i>Ochlandra</i>) Tj ETQq1 1 0.784314 18 | 1.7 | 18 |
| 92 | Application of Second-Derivative Fluorescence Spectroscopy to Monitor Subtle Changes in a Monoclonal Antibody Structure. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 52-61. | 3.3 | 17 |
| 93 | Management of Zone of Apposition in Parachute Left Atrioventricular Valve in Atrioventricular Septal Defect. <i>Annals of Thoracic Surgery</i> , 2013, 95, 1665-1669. | 1.3 | 8 |
| 94 | Characterization of antibody-polyol interactions by static light scattering: Implications for physical stability of protein formulations. <i>International Journal of Pharmaceutics</i> , 2013, 448, 382-389. | 5.2 | 14 |
| 95 | Universally optimal balanced changeover designs with first residuals. <i>Metrika</i> , 2013, 76, 339-346. | 0.8 | 1 |
| 96 | Isomerization of Asp Motif in Model Peptides and a Monoclonal Antibody Fab Fragment. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 947-959. | 3.3 | 21 |
| 97 | Enhanced in vitro caulogenesis and quantitative estimation of aloin through HPLC in Aloe vera. <i>Israel Journal of Plant Sciences</i> , 2013, 61, 57-63. | 0.5 | 4 |
| 98 | Effects of Additives in Shoot Multiplication and Genetic Validation in <i>Swertia chirayita</i> Revealed through RAPD Analysis. <i>Plant Tissue Culture and Biotechnology</i> , 2013, 23, . | 0.2 | 4 |
| 99 | <i>Pueraria tuberosa</i> DC Extract Improves Androgenesis and Sexual Behavior via FSH LH Cascade. <i>Scientific World Journal</i> , The, 2013, 2013, 1-8. | 2.1 | 20 |
| 100 | LC-MS N-alkylamide Profiling of an Ethanolic <i>Anacyclus pyrethrum</i> Root Extract. <i>Planta Medica</i> , 2012, 78, 1787-1795. | 1.3 | 26 |
| 101 | Effect of <i>Curculigo orchoides</i> on hyperglycemia-induced oligospermia and sexual dysfunction in male rats. <i>International Journal of Impotence Research</i> , 2012, 24, 31-37. | 1.8 | 22 |
| 102 | Recent developments in MIMO channel estimation techniques. , 2012, , . | | 5 |
| 103 | Driveline Infections in Left Ventricular Assist Devices: Implications for Destination Therapy. <i>Annals of Thoracic Surgery</i> , 2012, 94, 1381-1386. | 1.3 | 101 |
| 104 | A neural network potential-energy surface for the water dimer based on environment-dependent atomic energies and charges. <i>Journal of Chemical Physics</i> , 2012, 136, 064103. | 3.0 | 117 |
| 105 | Genetic structure and diversity of India hybrid tea. <i>Genetic Resources and Crop Evolution</i> , 2012, 59, 1527-1541. | 1.6 | 46 |
| 106 | Fontan Conversion to One and One Half Ventricle Repair. <i>Annals of Thoracic Surgery</i> , 2012, 94, 1269-1274. | 1.3 | 11 |
| 107 | Quantity-Intensity Relationships of Potassium in Soils under Some Guava Orchards on Marginal Lands. <i>Communications in Soil Science and Plant Analysis</i> , 2012, 43, 1550-1562. | 1.4 | 9 |
| 108 | Tri-Component, Mobile Bearing, Total Ankle Replacement: Mid-term Functional Outcome and Survival. <i>Journal of Foot and Ankle Surgery</i> , 2012, 51, 566-569. | 1.0 | 13 |

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|-----|---|------|-----------|
| 109 | A comparative study of ethanolic extracts of <i>Pedaliium murex</i> Linn. fruits and sildenafil citrate on sexual behaviors and serum testosterone level in male rats during and after treatment. <i>Journal of Ethnopharmacology</i> , 2012, 143, 201-206. | 4.1 | 30 |
| 110 | Effect of ethanolic extract of <i>Paederia foetida</i> Linn. leaves on sexual behavior and spermatogenesis in male rats. <i>Journal of Men's Health</i> , 2012, 9, 268-276. | 0.3 | 10 |
| 111 | Operative Fixation of Displaced Middle Third Clavicle (Edinburg Type 2) Fracture with Superior Reconstruction Plate Osteosynthesis. <i>Kathmandu University Medical Journal</i> , 2012, 9, 286-290. | 0.2 | 6 |
| 112 | Intramedullary Nailing for Paediatric Diaphyseal Forearm Bone Fracture. <i>Kathmandu University Medical Journal</i> , 2012, 9, 198-202. | 0.2 | 11 |
| 113 | Scaphoid Fracture: Functional Outcome Following Fixation with Herbert Screw. <i>Kathmandu University Medical Journal</i> , 2012, 9, 267-273. | 0.2 | 8 |
| 114 | Rasayana properties of Ayurvedic herbs: Are polysaccharides a major contributor. <i>Carbohydrate Polymers</i> , 2012, 87, 3-15. | 10.2 | 42 |
| 115 | Double-Orifice Left Atrioventricular Valve in Patients With Atrioventricular Septal Defects: Surgical Strategies and Outcome. <i>Annals of Thoracic Surgery</i> , 2012, 93, 2017-2021. | 1.3 | 24 |
| 116 | Synthesis and electrochemical characterization of myoglobin-antibody protein immobilized self-assembled gold nanoparticles on ITO-glass plate. <i>Materials Chemistry and Physics</i> , 2012, 132, 22-28. | 4.0 | 22 |
| 117 | Culture temperature modulates aggregation of recombinant antibody in cho cells. <i>Biotechnology and Bioengineering</i> , 2012, 109, 125-136. | 3.3 | 57 |
| 118 | Molecular mapping of grain physico-chemical and cooking quality traits using recombinant inbred lines in rice (<i>Oryza sativa</i> L.). <i>Journal of Plant Biochemistry and Biotechnology</i> , 2012, 21, 1-10. | 1.7 | 9 |
| 119 | Opposite Effects of Polyols on Antibody Aggregation: Thermal Versus Mechanical Stresses. <i>Pharmaceutical Research</i> , 2012, 29, 683-694. | 3.5 | 24 |
| 120 | An updated review on the parasitic herb of <i>Cuscuta reflexa</i> Roxb. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2012, 10, 249-255. | 0.7 | 35 |
| 121 | Media Independent Handover (IEEE 802.21): Framework for Next Generation Vertical Handover Protocols. , 2011, , . | | 7 |
| 122 | Review: A Rare Medicinal Herb <i>Zizyphus xylopyrus</i> (Retz.) Willd. <i>Pharmacognosy Journal</i> , 2011, 3, 18-23. | 0.8 | 2 |
| 123 | <i>Phyllanthus amarus</i> : Ethnomedicinal uses, phytochemistry and pharmacology: A review. <i>Journal of Ethnopharmacology</i> , 2011, 138, 286-313. | 4.1 | 231 |
| 124 | Development and characterization of chitosan coated poly-(ϵ -caprolactone) nanoparticulate system for effective immunization against influenza. <i>Vaccine</i> , 2011, 29, 9026-9037. | 3.8 | 82 |
| 125 | Variance balanced circular designs involving sequences of treatments with first and second residuals. <i>Model Assisted Statistics and Applications</i> , 2011, 6, 317-324. | 0.3 | 0 |
| 126 | <i>Spilanthes acmella</i> ethanolic flower extract: LC-MS alkylamide profiling and its effects on sexual behavior in male rats. <i>Phytomedicine</i> , 2011, 18, 1161-1169. | 5.3 | 80 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Posterolateral elbow dislocation with sub flexor displacement of radial head fragment. European Journal of Orthopaedic Surgery and Traumatology, 2011, 21, 429-433. | 1.4 | 0 |
| 128 | Induction of somatic embryogenesis and analysis of genetic fidelity of in vitro-derived plantlets of <i>Bambusa nutans</i> Wall., using AFLP markers. European Journal of Forest Research, 2011, 130, 729-736. | 2.5 | 43 |
| 129 | Modulation of the thermodynamic stability of proteins by polyols: Significance of polyol hydrophobicity and impact on the chemical potential of water. International Journal of Pharmaceutics, 2011, 413, 19-28. | 5.2 | 41 |
| 130 | A polyphenolic compound rottlerin demonstrates significant in vitro cytotoxicity against human cancer cell lines: isolation and characterization from the fruits of <i>Mallotus philippinensis</i> . Journal of Plant Biochemistry and Biotechnology, 2011, 20, 190-195. | 1.7 | 21 |
| 131 | Solubilities and Transfer Free Energies of Hydrophobic Amino Acids in Polyol Solutions: Importance of the Hydrophobicity of Polyols. Journal of Pharmaceutical Sciences, 2011, 100, 3096-3104. | 3.3 | 13 |
| 132 | Reliability evaluation and optimal design in heterogeneous multi-state series-parallel systems. Information Sciences, 2011, 181, 362-378. | 6.9 | 27 |
| 133 | Identification and cross-species transferability of 112 novel unigenes-derived microsatellite markers in tea (<i>Camellia sinensis</i>). American Journal of Botany, 2011, 98, e133-8. | 1.7 | 38 |
| 134 | Effect of <i>Asteracantha longifolia</i> seeds on the sexual behaviour of male rats. Natural Product Research, 2011, 25, 1423-1431. | 1.8 | 28 |
| 135 | Comparison of transthoracic electrical bioimpedance cardiac output measurement with thermodilution method in post coronary artery bypass graft patients. Annals of Cardiac Anaesthesia, 2011, 14, 104. | 0.6 | 20 |
| 136 | Influence of Pre-Sowing Treatments on in vitro Seed Germination of <i>Ativisha</i> (<i>Aconitum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,382 Td (h | 0.1 | 13 |
| 137 | Triple light chain antibodies: Factors that influence its formation in cell culture. Biotechnology and Bioengineering, 2010, 105, 748-760. | 3.3 | 21 |
| 138 | Tetrahedral and cubical association schemes with related PBIB(3) designs. Model Assisted Statistics and Applications, 2010, 5, 93-99. | 0.3 | 3 |
| 139 | Generalized incomplete Trojan-type designs. Statistics and Probability Letters, 2010, 80, 706-710. | 0.7 | 2 |
| 140 | Genomic mapping and testing for quantitative trait loci in tea (<i>Camellia sinensis</i> (L.) O. Kuntze). Tree Genetics and Genomes, 2010, 6, 915-929. | 1.6 | 40 |
| 141 | Ant colony approach to constrained redundancy optimization in binary systems. Applied Mathematical Modelling, 2010, 34, 992-1003. | 4.2 | 37 |
| 142 | An amperometric uric acid biosensor based on Bis[sulfosuccinimidyl] suberate crosslinker/3-aminopropyltriethoxysilane surface modified ITO glass electrode. Thin Solid Films, 2010, 519, 1128-1134. | 1.8 | 39 |
| 143 | Electrochemical impedance immunosensor for the detection of cardiac biomarker Myoglobin (Mb) in aqueous solution. Thin Solid Films, 2010, 519, 1167-1170. | 1.8 | 43 |
| 144 | Synthesis and pharmacological evaluation of novel 5-substituted-1-(phenylsulfonyl)-2-methylbenzimidazole derivatives as anti-inflammatory and analgesic agents. European Journal of Medicinal Chemistry, 2010, 45, 2245-2249. | 5.5 | 100 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Bovine serum albumin binding and drug delivery studies with PVA-ferrofluid. Journal of Bionic Engineering, 2010, 7, 29-34. | 5.0 | 15 |
| 146 | Multiple Intrathoracic Hydatids. Asian Cardiovascular and Thoracic Annals, 2010, 18, 88-89. | 0.5 | 2 |
| 147 | Prospective audit on the use of the LMA-Supreme [®] for airway management of adult patients undergoing elective orthopaedic surgery in prone position. British Journal of Anaesthesia, 2010, 105, 228-232. | 3.4 | 53 |
| 148 | Aconitum: Need for sustainable exploitation (with special reference to Uttarakhand). International Journal of Green Pharmacy, 2010, 4, 220. | 0.1 | 9 |
| 149 | Cold denaturation of monoclonal antibodies. MAbs, 2010, 2, 42-52. | 5.2 | 46 |
| 150 | Optimal redundancy allocation in complex systems. Journal of Quality in Maintenance Engineering, 2010, 16, 413-424. | 1.7 | 11 |
| 151 | Physicochemical Stability of the Antibody-Drug Conjugate Trastuzumab-DM1: Changes due to Modification and Conjugation Processes. Bioconjugate Chemistry, 2010, 21, 1588-1595. | 3.6 | 161 |
| 152 | A common feature-based 3D-pharmacophore model generation and virtual screening: identification of potential DHFR inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 635-645. | 5.2 | 21 |
| 153 | Immunomodulatory activity of petroleum ether extract of <i>Anacyclus pyrethrum</i> . Pharmaceutical Biology, 2010, 48, 1247-1254. | 2.9 | 42 |
| 154 | Electrochemical Impedance Immunosensor for the Detection of C-Reactive Protein in Aqueous Solution. Sensor Letters, 2010, 8, 362-369. | 0.4 | 10 |
| 155 | <i>Curculigo orchioides</i> : the black gold with numerous health benefits. Zhong Xi Yi Jie He Xue Bao, 2010, 8, 613-623. | 0.7 | 38 |
| 156 | Effects of petroleum ether extract of <i>Anacyclus pyrethrum</i> DC. on sexual behavior in male rats. Zhong Xi Yi Jie He Xue Bao, 2010, 8, 767-773. | 0.7 | 17 |
| 157 | Advancement in Research on <i>Aconitum</i> sp. (Ranunculaceae) under Different Area: A Review. Biotechnology, 2010, 9, 411-427. | 0.1 | 25 |
| 158 | Polyphenolics Free DNA Isolation from Different Types of Tissues of <i>Aconitum heterophyllum</i> Wall-endangered Medicinal Species. Journal of Plant Sciences, 2010, 5, 414-419. | 0.2 | 8 |
| 159 | Differentiated services with multiple random early detection algorithm using ns2 simulator. , 2009, , . | | 10 |
| 160 | Second-Order Response Surface Model with Neighbor Effects. Communications in Statistics - Theory and Methods, 2009, 38, 1393-1403. | 1.0 | 4 |
| 161 | ANT COLONY OPTIMIZATION ALGORITHM FOR HETEROGENEOUS REDUNDANCY ALLOCATION IN MULTI-STATE SERIES-PARALLEL SYSTEMS. International Journal of Reliability, Quality and Safety Engineering, 2009, 16, 163-186. | 0.6 | 9 |
| 162 | Identification and cross-species amplification of EST derived SSR markers in different bamboo species. Conservation Genetics, 2009, 10, 721-724. | 1.5 | 35 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 163 | Effect of polyols on polyethylene glycol (PEG)-induced precipitation of proteins: Impact on solubility, stability and conformation. <i>International Journal of Pharmaceutics</i> , 2009, 366, 38-43. | 5.2 | 55 |
| 164 | In situ precipitation and vacuum drying of interferon alpha-2a: Development of a single-step process for obtaining dry, stable protein formulation. <i>International Journal of Pharmaceutics</i> , 2009, 366, 88-98. | 5.2 | 23 |
| 165 | Plant-livestock-soil-hydrology interactions in the northeastern region of India. <i>Biologia (Poland)</i> , 2009, 64, 560-564. | 1.5 | 5 |
| 166 | Role of benzyl alcohol in the prevention of heat-induced aggregation and inactivation of hen egg white lysozyme. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 71, 367-376. | 4.3 | 19 |
| 167 | Coronary to Pulmonary Collateral in Tetralogy of Fallot with Pulmonary Stenosis. <i>Annals of Thoracic Surgery</i> , 2009, 87, 1297. | 1.3 | 0 |
| 168 | Ant colony optimization approach to heterogeneous redundancy in multi-state systems with multi-state components. , 2009, , . | | 9 |
| 169 | Evaluation of the Anabolic, Aphrodisiac and Reproductive Activity of Anacyclus Pyrethrum DC in Male Rats. <i>Scientia Pharmaceutica</i> , 2009, 77, 97-110. | 2.0 | 49 |
| 170 | Evaluation of rice and sugarcane SSR markers for phylogenetic and genetic diversity analyses in bamboo. <i>IBT Publication No. 0732.. Genome</i> , 2008, 51, 91-103. | 2.0 | 64 |
| 171 | Disconnection of the tip of the aortic cannula during cardiopulmonary bypass. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2008, 8, 250-251. | 1.1 | 1 |
| 172 | Auto-video Tracking System: Performance Evaluation. <i>Defence Science Journal</i> , 2008, 58, 565-572. | 0.8 | 7 |
| 173 | Interventions for pityriasis rosea. <i>The Cochrane Library</i> , 2007, , CD005068. | 2.8 | 30 |
| 174 | Surface characterization of plasma-treated and PEG-grafted PDMS for micro fluidic applications. <i>Vacuum</i> , 2007, 81, 1094-1100. | 3.5 | 63 |
| 175 | Impact of rare earth magnetic moment on ordering of Ru in Sr ₂ RuREO ₆ (RE=Gd and Eu). <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 312, 290-293. | 2.3 | 4 |
| 176 | A High-Throughput Method for Detection of Protein Self-Association and Second Virial Coefficient Using Size-Exclusion Chromatography Through Simultaneous Measurement of Concentration and Scattered Light Intensity. <i>Pharmaceutical Research</i> , 2007, 24, 2071-2083. | 3.5 | 30 |
| 177 | Serotonin and 5-hydroxy indole acetic acid in infantile hydrocephalus. <i>Pediatric Surgery International</i> , 2007, 23, 571-574. | 1.4 | 9 |
| 178 | Sol-gel-derived super-hydrophilic nickel doped TiO ₂ film as active photo-catalyst. <i>Applied Catalysis A: General</i> , 2006, 314, 40-46. | 4.3 | 141 |
| 179 | Protein Structural Conformation and Not Second Virial Coefficient Relates to Long-Term Irreversible Aggregation of a Monoclonal Antibody and Ovalbumin in Solution. <i>Pharmaceutical Research</i> , 2006, 23, 1382-1394. | 3.5 | 75 |
| 180 | Moisture-Induced Aggregation of Lyophilized DNA and its Prevention. <i>Pharmaceutical Research</i> , 2006, 24, 168-175. | 3.5 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 181 | A Method to Investigate Non-Thermal Effects of Radio Frequency Radiation on Pharmaceuticals with Relevance to RFID Technology. , 2006, 2006, 4340-3. | | 14 |
| 182 | Advance Computer Communication Systems in Hybrid Vehicles. , 2006, , . | | 0 |
| 183 | Control, Alarm and Indicator Systems in Modern Electric Vehicles. , 2006, , . | | 3 |
| 184 | Granzyme B, a New Player in Activation-Induced Cell Death, Is Down-Regulated by Vasoactive Intestinal Peptide in Th2 but Not Th1 Effectors. Journal of Immunology, 2006, 176, 97-110. | 0.8 | 73 |
| 185 | Second derivative tryptophan fluorescence spectroscopy as a tool to characterize partially unfolded intermediates of proteins. International Journal of Pharmaceutics, 2005, 294, 193-199. | 5.2 | 37 |
| 186 | Mechanistic studies on aggregation of polyethylenimine-DNA complexes and its prevention. Biotechnology and Bioengineering, 2005, 90, 614-620. | 3.3 | 66 |
| 187 | Prostaglandin E2 Promotes the Survival of Bone Marrow-Derived Dendritic Cells. Journal of Immunology, 2004, 173, 6955-6964. | 0.8 | 52 |
| 188 | VIP/PACAP oppositely affects immature and mature dendritic cell expression of CD80/CD86 and the stimulatory activity for CD4+ T cells. Journal of Leukocyte Biology, 2004, 75, 1122-1130. | 3.3 | 78 |
| 189 | Polyethylene glycol-induced precipitation of interferon alpha-2a followed by vacuum drying: Development of a novel process for obtaining a dry, stable powder. AAPS PharmSci, 2004, 6, 31-44. | 1.3 | 30 |
| 190 | A series of resolvable PBIB(3) designs with two replicates. Metrika, 2004, 60, 251-254. | 0.8 | 3 |
| 191 | Determination of Second Virial Coefficient of Proteins Using a Dual-Detector Cell for Simultaneous Measurement of Scattered Light Intensity and Concentration in SEC-HPLC. Biophysical Journal, 2004, 87, 4048-4055. | 0.5 | 59 |
| 192 | Polymorphisms in human soluble epoxide hydrolase: effects on enzyme activity, enzyme stability, and quaternary structure. Archives of Biochemistry and Biophysics, 2004, 427, 164-169. | 3.0 | 68 |
| 193 | Effect of vacuum drying on protein-mannitol interactions: The physical state of mannitol and protein structure in the dried state. AAPS PharmSciTech, 2004, 5, 58-69. | 3.3 | 24 |
| 194 | Temperature- and pH-Induced Multiple Partially Unfolded States of Recombinant Human Interferon- α 2a: Possible Implications in Protein Stability. Pharmaceutical Research, 2003, 20, 1721-1729. | 3.5 | 52 |
| 195 | Steady-State Tryptophan Fluorescence Spectroscopy Study to Probe Tertiary Structure of Proteins in Solid Powders. Journal of Pharmaceutical Sciences, 2003, 92, 890-899. | 3.3 | 49 |
| 196 | Calcipotriol versus coal tar: a prospective randomized study in stable plaque psoriasis. International Journal of Dermatology, 2003, 42, 834-838. | 1.0 | 27 |
| 197 | Robustness of complete diallel crossing plans against exchange of one cross. Journal of Applied Statistics, 2003, 30, 21-35. | 1.3 | 1 |
| 198 | Minimal balanced repeated measurements designs. Journal of Applied Statistics, 2003, 30, 867-872. | 1.3 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 199 | Robustness of Williams Square change-over designs. <i>Metrika</i> , 2002, 55, 199-208. | 0.8 | 2 |
| 200 | Correction of Cubitus Varus by French or Dome Osteotomy: A Comparative Study. <i>Journal of Trauma</i> , 2000, 49, 717-721. | 2.3 | 63 |
| 201 | Sulphaphenazole, streptomycin and sulphaphenazole combination, trimethoprim, and erythromycin in the treatment of chancroid.. <i>Sexually Transmitted Infections</i> , 1990, 66, 105-107. | 1.9 | 6 |
| 202 | Condylomata lata of the eyelids.. <i>Sexually Transmitted Infections</i> , 1989, 65, 124-125. | 1.9 | 1 |