

Vikas Sharma

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

197
papers

4,336
citations

38
h-index

54
g-index

203
ext. papers

4,954
ext. citations

3
avg, IF

5.56
L-index

#	Paper	IF	Citations
197	Construction of a framework linkage map and genetic dissection of drought- and yield-related QTLs in horsegram (<i>Macrotyloma uniflorum</i>). <i>Euphytica</i> , 2020 , 216, 1	2.1	6
196	Development of polymorphic EST-SSR markers and their applicability in genetic diversity evaluation in <i>Rhododendron arboreum</i> . <i>Molecular Biology Reports</i> , 2020 , 47, 2447-2457	2.8	15
195	Al doping for bipolarity induction in transparent conducting CuInO ₂ and its application in diode fabrication. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020 , 255, 114520	3.1	3
194	Influence of surfactant, particle size and dispersion medium on surface plasmon resonance of silver nanoparticles. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 145302	1.8	13
193	Calcium incorporated copper indium oxide thin films - a promising candidate for transparent electronic applications. <i>Thin Solid Films</i> , 2020 , 693, 137673	2.2	3
192	Development of transcriptome-wide SSR markers for genetic diversity and structure analysis in (<i>Lam.</i>) <i>Verdc</i> . <i>Physiology and Molecular Biology of Plants</i> , 2020 , 26, 2255-2266	2.8	1
191	Ultrasound-assisted synthesis of 1, 8-dioxodecahydroacridine derivatives in presence of Ag doped CdS nanocatalyst. <i>Journal of Dispersion Science and Technology</i> , 2020 , 41, 1145-1158	1.5	3
190	Development and characterization of SSR markers in Himalayan species <i>Betula utilis</i> . <i>Journal of Forestry Research</i> , 2020 , 31, 1453-1460	2	3
189	Dominant role of trioctylphosphine on the particle size and various properties of CoO nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 497, 166000	2.8	3
188	Total organic and inorganic carbon in soils under different land use/land cover systems in the foothill Himalayas. <i>Catena</i> , 2019 , 182, 104104	5.8	15
187	Thermoelectric properties of nanocrystalline lead telluride 2019 ,		1
186	Discovery and Utilization of EST-SSR Marker Resource for Genetic Diversity and Population Structure Analyses of a Subtropical Bamboo, <i>Dendrocalamus hamiltonii</i> . <i>Biochemical Genetics</i> , 2019 , 57, 652-672	2.4	8
185	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. <i>Genetic Resources and Crop Evolution</i> , 2019 , 66, 1379-1388	2	10
184	Thermoelectric properties of polyol synthesized copper telluride nanoparticles 2019 ,		1
183	Synthesis and dispersion medium-dependent stability of cadmium sulfide nanoparticles 2019 ,		1
182	Influence of Al doping on the magnetoresistance and transport properties of La _{0.7} Ba _{0.3} Mn _{1-x} Al _x O ₃ (0 ≤ x ≤ 0.15) manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 471, 153-163	2.8	13
181	Tin-incorporated nanostructured copper indium oxide delafossite thin films: Structural, electrical and optical analysis. <i>Journal of Alloys and Compounds</i> , 2018 , 746, 435-444	5.7	8

180	Electrical analogy for modelling thermal regime and moisture distribution in sandy soils. <i>Geomechanics and Geoengineering</i> , 2018 , 13, 22-32	1.4	3
179	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	1.7	7
178	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	1.7	3
177	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	4.4	
176	Analysis of genetic diversity and structure in a genebank collection of red clover (<i>Trifolium pratense</i> L.) using SSR markers. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2017 , 15, 376-379		6
175	Genetic and phytochemical diversity analysis in populations of north-western Himalaya. <i>Physiology and Molecular Biology of Plants</i> , 2017 , 23, 429-441	2.8	10
174	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	5.1	7
173	Determination of Thermal Regime in Sandy Soils: Mathematical Framework ATHERES. <i>International Journal of Geomechanics</i> , 2017 , 17, 04017045	3.1	6
172	Analysis of genetic structure and interrelationships in lentil species using morphological and SSR markers. <i>3 Biotech</i> , 2017 , 7, 83	2.8	6
171	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	3.6	38
170	Glycosides as Possible Lead Antimalarial in New Drug Discovery: Future Perspectives. <i>Current Drug Metabolism</i> , 2017 , 18, 402-403	3.5	3
169	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	1.9	4
168	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	3.4	17
167	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	1.7	11
166	Ultrasound-assisted high-yield multicomponent synthesis of triazolo[1,2-a]indazole-triones using silica-coated ZnO nanoparticles as a heterogeneous catalyst. <i>Green Chemistry</i> , 2017 , 19, 5885-5899	10	27
165	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	2.8	2
164	Effect of additive on Zeta potential and particle size of nickel nanoparticles 2017 ,		1
163	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	1.7	13

162	Cytogenetic Studies of Genus Clematis L. (Ranunculaceae) from the Western Himalayas, India. <i>Cytologia</i> , 2017 , 82, 355-361	0.9	2
161	A methodology to determine thermal conductivity of soils from flux measurement. <i>Geomechanics and Geoengineering</i> , 2016 , 11, 73-85	1.4	16
160	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	25
159	Development of novel SSR markers for evaluation of genetic diversity and population structure in <i>Tribulus terrestris</i> L. (Zygophyllaceae). <i>3 Biotech</i> , 2016 , 6, 156	2.8	7
158	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	5
157	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	1.5	4
156	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	1.7	0
155	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,	1.8	8
154	Platinum nanoparticles-single-walled carbon nanotubes hybrid based chemiresistive sensor array for myoglobin detection. <i>Materials Research Express</i> , 2016 , 3, 035006	1.7	3
153	Thermoelectric properties of CuS/Ag ₂ S nanocomposites synthesized by modified polyol method 2016 ,		3
152	High performance dendrimer functionalized single-walled carbon nanotubes field effect transistor biosensor for protein detection. <i>Applied Physics Letters</i> , 2016 , 109, 243504	3.4	11
151	Size-Induced Structural Phase Transition at ~6.0 nm from Mixed fcc/bcc to Purely fcc Structure in Monodispersed Nickel Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 28354-28362	3.8	20
150	Zeta-potential and particle size studies of silver sulphide nanoparticles 2016 ,		1
149	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	1.9	13
148	Characterization of novel polymorphic microsatellite markers in <i>Dactylorhiza hatagirea</i> : a critically endangered orchid species from western Himalayas. <i>Conservation Genetics Resources</i> , 2015 , 7, 285-287	0.8	4
147	A novel in vitro method to model the fate of subcutaneously administered biopharmaceuticals and associated formulation components. <i>Journal of Controlled Release</i> , 2015 , 214, 94-102	11.7	46
146	Optimal surgical ablation of atrial tachyarrhythmias during correction of Ebstein anomaly. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 1700-5; discussion 1705	2.7	17
145	Off-pump coronary artery bypass reduces early stroke in octogenarians: a meta-analysis of 18,000 patients. <i>Annals of Thoracic Surgery</i> , 2015 , 99, 1568-75	2.7	42

144	Analysis of Genetic Diversity and Population Structure in Horsegram (<i>Macrotyloma uniflorum</i>) Using RAPD and ISSR Markers. <i>Agricultural Research</i> , 2015 , 4, 221-230	1.4	24
143	Development of SSR and ILP markers in horsegram (<i>Macrotyloma uniflorum</i>), their characterization, cross-transferability and relevance for mapping. <i>Molecular Breeding</i> , 2015 , 35, 1	3.4	20
142	Enhancement of in vitro growth of <i>Swertia chirayita</i> Roxb. Ex Fleming co-cultured with plant growth promoting rhizobacteria. <i>Plant Cell, Tissue and Organ Culture</i> , 2015 , 121, 215-225	2.7	8
141	Genetic diversity and structure of <i>Pyrus</i> accessions of Indian Himalayan region based on morphological and SSR markers. <i>Tree Genetics and Genomes</i> , 2015 , 11, 1	2.1	31
140	Comparison of the early haemodynamics of stented pericardial and porcine aortic valves. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 47, 4-10	3	6
139	Identification and cross-species amplification of microsatellite markers derived from expressed sequence data of rose species. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2015 , 24, 359-364	1.6	3
138	Percutaneous Ilio-Sacral Screw Fixation in Supine Position under Fluoroscopy Guidance. <i>Kathmandu University Medical Journal</i> , 2015 , 13, 56-60	0.3	6
137	Hair Growth: Focus on Herbal Therapeutic Agent. <i>Current Drug Discovery Technologies</i> , 2015 , 12, 21-42	1.5	31
136	Development and cross-transferability of functionally relevant microsatellite markers in <i>Dendrocalamus latiflorus</i> and related bamboo species. <i>Journal of Genetics</i> , 2015 , 94, 48-55	1.2	8
135	Evaluating the Use of Antibody Variable Region (Fv) Charge as a Risk Assessment Tool for Predicting Typical Cynomolgus Monkey Pharmacokinetics. <i>Journal of Biological Chemistry</i> , 2015 , 290, 29732-41	5.4	43
134	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, 229-33	1.8	35
133	<i>Acorus calamus</i> (The Healing Plant): a review on its medicinal potential, micropropagation and conservation. <i>Natural Product Research</i> , 2014 , 28, 1454-66	2.3	34
132	Expanding relevance of aortic valve repair-is earlier operation indicated?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 100-7	1.5	37
131	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, 256-63	3.2	38
130	Surgical unroofing of anomalous aortic origin of a coronary artery: a single-center experience. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 941-5	2.7	41
129	Biofunctionalized gold nanoparticle-conducting polymer nanocomposite based bioelectrode for CRP detection. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 174, 984-97	3.2	9
128	Specific catalysis of asparaginyl deamidation by carboxylic acids: kinetic, thermodynamic, and quantitative structure-property relationship analyses. <i>Molecular Pharmaceutics</i> , 2014 , 11, 1345-58	5.6	19
127	Meta-analysis of staged versus combined carotid endarterectomy and coronary artery bypass grafting. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 102-9	2.7	42

126	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	6.7	46
125	Acetabular Fracture: Retrospective Analysis of Thirty Three Consecutive Cases with Operative Management. <i>Kathmandu University Medical Journal</i> , 2014 , 12, 279-87	0.3	2
124	Highly sensitive bovine serum albumin biosensor based on liquid crystal. <i>Applied Physics Letters</i> , 2014 , 104, 043705	3.4	16
123	In silico selection of therapeutic antibodies for development: viscosity, clearance, and chemical stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 18601-8	11.5	138
122	A review on plants used for improvement of sexual performance and virility. <i>BioMed Research International</i> , 2014 , 2014, 868062	3	71
121	De novo aortic insufficiency during long-term support on a left ventricular assist device: a systematic review and meta-analysis. <i>ASAIO Journal</i> , 2014 , 60, 183-8	3.6	47
120	A study on the extracts of <i>Cuscuta reflexa</i> Roxb. in treatment of cyclophosphamide induced alopecia. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014 , 22, 7	3.9	7
119	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, 142-50	2.7	10
118	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, 2056-65	2.7	16
117	Androgenic and spermatogenic activity of alkylamide-rich ethanol solution extract of <i>Anacyclus pyrethrum</i> DC. <i>Phytotherapy Research</i> , 2013 , 27, 99-106	6.7	22
116	Reply: To PMID 22503852. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 1844	2.7	
115	Influence of Accompanying Anions on Potassium Retention and Leaching in Potato Growing Alluvial Soils. <i>Pedosphere</i> , 2013 , 23, 464-471	5	14
114	Investigation into temperature-induced aggregation of an antibody drug conjugate. <i>Bioconjugate Chemistry</i> , 2013 , 24, 1674-83	6.3	89
113	Repair of acute inferior wall myocardial infarction-related basal ventricular septal defect: transatrial versus transventricular approach. <i>Journal of Cardiac Surgery</i> , 2013 , 28, 475-80	1.3	9
112	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, 203703	3.4	25
111	AFLP and RAPD based genetic diversity assessment of industrially important reed bamboo (<i>Ochlandra travancorica</i> Benth). <i>Journal of Plant Biochemistry and Biotechnology</i> , 2013 , 22, 144-149	1.6	9
110	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	3.9	14
109	Management of zone of apposition in parachute left atrioventricular valve in atrioventricular septal defect. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 1665-9	2.7	6

108	Characterization of antibody-polyol interactions by static light scattering: implications for physical stability of protein formulations. <i>International Journal of Pharmaceutics</i> , 2013 , 448, 382-9	6.5	12
107	Universally optimal balanced changeover designs with first residuals. <i>Metrika</i> , 2013 , 76, 339-346	0.8	1
106	Isomerization of Asp-Asp motif in model peptides and a monoclonal antibody Fab fragment. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 947-59	3.9	19
105	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	0.6	3
104	Effects of Additives in Shoot Multiplication and Genetic Validation in Swertica chirayita Revealed through RAPD Analysis. <i>Plant Tissue Culture and Biotechnology</i> , 2013 , 23,	0.8	4
103	Pueraria tuberosa DC extract improves androgenesis and sexual behavior via FSH LH cascade. <i>Scientific World Journal, The</i> , 2013 , 2013, 780659	2.2	14
102	Double-orifice left atrioventricular valve in patients with atrioventricular septal defects: surgical strategies and outcome. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 2017-20; discussion 2020-1	2.7	22
101	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	4.4	20
100	Culture temperature modulates aggregation of recombinant antibody in cho cells. <i>Biotechnology and Bioengineering</i> , 2012 , 109, 125-36	4.9	52
99	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	1.6	6
98	Opposite effects of polyols on antibody aggregation: thermal versus mechanical stresses. <i>Pharmaceutical Research</i> , 2012 , 29, 683-94	4.5	23
97	Recent developments in MIMO channel estimation techniques 2012 ,		2
96	Driveline infections in left ventricular assist devices: implications for destination therapy. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 1381-6	2.7	91
95	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	3.9	95
94	Genetic structure and diversity of India hybrid tea. <i>Genetic Resources and Crop Evolution</i> , 2012 , 59, 1527-1541		31
93	Fontan conversion to one and one half ventricle repair. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 1269-74; discussion 1274	2.7	11
92	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	1.5	6
91	Tri-component, mobile bearing, total ankle replacement: mid-term functional outcome and survival. <i>Journal of Foot and Ankle Surgery</i> , 2012 , 51, 566-9	1.6	9

90	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, 201-6	5	26
89	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	1.2	6
88	Rasayana properties of Ayurvedic herbs: Are polysaccharides a major contributor. <i>Carbohydrate Polymers</i> , 2012 , 87, 3-15	10.3	39
87	LC-MS N-alkylamide profiling of an ethanolic <i>Anacyclus pyrethrum</i> root extract. <i>Planta Medica</i> , 2012 , 78, 1787-95	3.1	19
86	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, 31-7	2.3	17
85	An updated review on the parasitic herb of <i>Cuscuta reflexa</i> Roxb. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2012 , 10, 249-55		28
84	Operative fixation of displaced middle third clavicle (Edinburg Type 2) fracture with superior reconstruction plate osteosynthesis. <i>Kathmandu University Medical Journal</i> , 2011 , 9, 286-90	0.3	5
83	Intramedullary nailing for paediatric diaphyseal forearm bone fracture. <i>Kathmandu University Medical Journal</i> , 2011 , 9, 198-202	0.3	8
82	Scaphoid fracture: functional outcome following fixation with Herbert Screw. <i>Kathmandu University Medical Journal</i> , 2011 , 9, 267-73	0.3	6
81	Media Independent Handover (IEEE 802.21): Framework for Next Generation Vertical Handover Protocols 2011 ,		5
80	Review: A Rare Medicinal Herb <i>Zizyphus xylopyrus</i> (Retz.) Willd. <i>Pharmacognosy Journal</i> , 2011 , 3, 18-23	1.6	1
79	<i>Phyllanthus amarus</i> : ethnomedicinal uses, phytochemistry and pharmacology: a review. <i>Journal of Ethnopharmacology</i> , 2011 , 138, 286-313	5	170
78	Development and characterization of chitosan coated poly-(ε-caprolactone) nanoparticulate system for effective immunization against influenza. <i>Vaccine</i> , 2011 , 29, 9026-37	4.1	70
77	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	
76	<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, 1161-9	6.5	64
75	Posterolateral elbow dislocation with sub flexor displacement of radial head fragment. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2011 , 21, 429-433	2.2	
74	Induction of somatic embryogenesis and analysis of genetic fidelity of in vitro-derived plantlets of <i>Bambusa nutans</i> Wall., using AFLP markers. <i>European Journal of Forest Research</i> , 2011 , 130, 729-736	2.7	30
73	Modulation of the thermodynamic stability of proteins by polyols: significance of polyol hydrophobicity and impact on the chemical potential of water. <i>International Journal of Pharmaceutics</i> , 2011 , 413, 19-28	6.5	38

72	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> . <i>Journal of Plant Biochemistry and Biotechnology</i> , 2011 , 20, 190-195	1.6	15
71	Solubilities and transfer free energies of hydrophobic amino acids in polyol solutions: importance of the hydrophobicity of polyols. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 3096-3104	3.9	13
70	Reliability evaluation and optimal design in heterogeneous multi-state series-parallel systems. <i>Information Sciences</i> , 2011 , 181, 362-378	7.7	22
69	Identification and cross-species transferability of 112 novel unigene-derived microsatellite markers in tea (<i>Camellia sinensis</i>). <i>American Journal of Botany</i> , 2011 , 98, e133-8	2.7	32
68	Effect of <i>Asteracantha longifolia</i> seeds on the sexual behaviour of male rats. <i>Natural Product Research</i> , 2011 , 25, 1423-31	2.3	23
67	Comparison of transthoracic electrical bioimpedance cardiac output measurement with thermodilution method in post coronary artery bypass graft patients. <i>Annals of Cardiac Anaesthesia</i> , 2011 , 14, 104-10	1.3	13
66	Influence of Pre-Sowing Treatments on in vitro Seed Germination of <i>Ativisha</i> (<i>Aconitum heterophyllum</i> Wall) of Uttarakhand. <i>Biotechnology</i> , 2011 , 10, 215-219	0.1	9
65	Multiple intrathoracic hydatids. <i>Asian Cardiovascular and Thoracic Annals</i> , 2010 , 18, 88-9	0.6	1
64	Prospective audit on the use of the LMA-Supreme for airway management of adult patients undergoing elective orthopaedic surgery in prone position. <i>British Journal of Anaesthesia</i> , 2010 , 105, 228-32	5.4	41
63	<i>Aconitum</i> : Need for sustainable exploitation (with special reference to Uttarakhand). <i>International Journal of Green Pharmacy</i> , 2010 , 4, 220	2	6
62	Cold denaturation of monoclonal antibodies. <i>MAbs</i> , 2010 , 2, 42-52	6.6	34
61	Optimal redundancy allocation in complex systems. <i>Journal of Quality in Maintenance Engineering</i> , 2010 , 16, 413-424	1.1	9
60	Physicochemical stability of the antibody-drug conjugate Trastuzumab-DM1: changes due to modification and conjugation processes. <i>Bioconjugate Chemistry</i> , 2010 , 21, 1588-95	6.3	147
59	A common feature-based 3D-pharmacophore model generation and virtual screening: identification of potential PFDHFR inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010 , 25, 635-45	5.6	18
58	Immunomodulatory activity of petroleum ether extract of <i>Anacyclus pyrethrum</i> . <i>Pharmaceutical Biology</i> , 2010 , 48, 1247-54	3.8	29
57	Triple light chain antibodies: factors that influence its formation in cell culture. <i>Biotechnology and Bioengineering</i> , 2010 , 105, 748-60	4.9	21
56	Tetrahedral and cubical association schemes with related PBIB(3) designs. <i>Model Assisted Statistics and Applications</i> , 2010 , 5, 93-99	0.3	1
55	Generalized incomplete Trojan-type designs. <i>Statistics and Probability Letters</i> , 2010 , 80, 706-710	0.6	1

54	Genomic mapping and testing for quantitative trait loci in tea (<i>Camellia sinensis</i> (L.) O. Kuntze). <i>Tree Genetics and Genomes</i> , 2010 , 6, 915-929	2.1	33
53	Ant colony approach to constrained redundancy optimization in binary systems. <i>Applied Mathematical Modelling</i> , 2010 , 34, 992-1003	4.5	28
52	An amperometric uric acid biosensor based on Bis[sulfosuccinimidyl] suberate crosslinker/3-aminopropyltriethoxysilane surface modified ITO glass electrode. <i>Thin Solid Films</i> , 2010 , 519, 1128-1134	2.2	37
51	Electrochemical impedance immunosensor for the detection of cardiac biomarker Myoglobin (Mb) in aqueous solution. <i>Thin Solid Films</i> , 2010 , 519, 1167-1170	2.2	41
50	Synthesis and pharmacological evaluation of novel 5-substituted-1-(phenylsulfonyl)-2-methylbenzimidazole derivatives as anti-inflammatory and analgesic agents. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 2245-9	6.8	81
49	Bovine serum albumin binding and drug delivery studies with PVA-ferrofluid. <i>Journal of Bionic Engineering</i> , 2010 , 7, 29-34	2.7	11
48	Electrochemical Impedance Immunosensor for the Detection of C-Reactive Protein in Aqueous Solution. <i>Sensor Letters</i> , 2010 , 8, 362-369	0.9	9
47	<i>Curculigo orchoides</i> : the black gold with numerous health benefits. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2010 , 8, 613-23		31
46	Effects of petroleum ether extract of <i>Anacyclus pyrethrum</i> DC. on sexual behavior in male rats. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2010 , 8, 767-73		14
45	Advancement in Research on <i>Aconitum</i> sp. (Ranunculaceae) under Different Area: A Review. <i>Biotechnology</i> , 2010 , 9, 411-427	0.1	18
44	Polyphenolics Free DNA Isolation from Different Types of Tissues of <i>Aconitum heterophyllum</i> Wall-endangered Medicinal Species. <i>Journal of Plant Sciences</i> , 2010 , 5, 414-419	0.2	6
43	Differentiated services with multiple random early detection algorithm using ns2 simulator 2009 ,		5
42	Second-Order Response Surface Model with Neighbor Effects. <i>Communications in Statistics - Theory and Methods</i> , 2009 , 38, 1393-1403	0.5	4
41	ANT COLONY OPTIMIZATION ALGORITHM FOR HETEROGENEOUS REDUNDANCY ALLOCATION IN MULTI-STATE SERIES-PARALLEL SYSTEMS. <i>International Journal of Reliability, Quality and Safety Engineering</i> , 2009 , 16, 163-186	0.6	8
40	Identification and cross-species amplification of EST derived SSR markers in different bamboo species. <i>Conservation Genetics</i> , 2009 , 10, 721-724	2.6	31
39	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	6.5	45
38	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	6.5	21
37	Plant-livestock-soil-hydrology interactions in the northeastern region of India. <i>Biologia (Poland)</i> , 2009 , 64, 560-564	1.5	4

36	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, 367-76	5.7	18
35	Coronary to pulmonary collateral in tetralogy of Fallot with pulmonary stenosis. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 1297	2.7	
34	Ant colony optimization approach to heterogeneous redundancy in multi-state systems with multi-state components 2009 ,		4
33	Evaluation of the Anabolic, Aphrodisiac and Reproductive Activity of Anacyclus Pyrethrum DC in Male Rats. <i>Scientia Pharmaceutica</i> , 2009 , 77, 97-110	4.3	35
32	Disconnection of the tip of the aortic cannula during cardiopulmonary bypass. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2009 , 8, 250-1	1.8	1
31	Evaluation of rice and sugarcane SSR markers for phylogenetic and genetic diversity analyses in bamboo. <i>Genome</i> , 2008 , 51, 91-103	2.4	52
30	Auto-video Tracking System: Performance Evaluation. <i>Defence Science Journal</i> , 2008 , 58, 565-572	1.4	2
29	Interventions for pityriasis rosea. <i>The Cochrane Library</i> , 2007 , CD005068	5.2	18
28	Surface characterization of plasma-treated and PEG-grafted PDMS for micro fluidic applications. <i>Vacuum</i> , 2007 , 81, 1094-1100	3.7	52
27	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	2.8	4
26	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, 2071-83	4.5	27
25	Serotonin and 5-hydroxy indole acetic acid in infantile hydrocephalus. <i>Pediatric Surgery International</i> , 2007 , 23, 571-4	2.1	8
24	Moisture-induced aggregation of lyophilized DNA and its prevention. <i>Pharmaceutical Research</i> , 2007 , 24, 168-75	4.5	12
23	A method to investigate non-thermal effects of radio frequency radiation on pharmaceuticals with relevance to RFID technology. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2006 , 2006, 4340-3		8
22	Control, Alarm and Indicator Systems in Modern Electric Vehicles 2006 ,		1
21	Granzyme B, a new player in activation-induced cell death, is down-regulated by vasoactive intestinal peptide in Th2 but not Th1 effectors. <i>Journal of Immunology</i> , 2006 , 176, 97-110	5.3	55
20	Sol-gel-derived super-hydrophilic nickel doped TiO ₂ film as active photo-catalyst. <i>Applied Catalysis A: General</i> , 2006 , 314, 40-46	5.1	130
19	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, 1382-94	4.5	68

18	Second derivative tryptophan fluorescence spectroscopy as a tool to characterize partially unfolded intermediates of proteins. <i>International Journal of Pharmaceutics</i> , 2005 , 294, 193-9	6.5	33
17	Mechanistic studies on aggregation of polyethylenimine-DNA complexes and its prevention. <i>Biotechnology and Bioengineering</i> , 2005 , 90, 614-20	4.9	63
16	Prostaglandin E2 promotes the survival of bone marrow-derived dendritic cells. <i>Journal of Immunology</i> , 2004 , 173, 6955-64	5.3	48
15	VIP/PACAP oppositely affects immature and mature dendritic cell expression of CD80/CD86 and the stimulatory activity for CD4(+) T cells. <i>Journal of Leukocyte Biology</i> , 2004 , 75, 1122-30	6.5	67
14	Polyethylene glycol-induced precipitation of interferon alpha-2a followed by vacuum drying: development of a novel process for obtaining a dry, stable powder. <i>AAPS PharmSci</i> , 2004 , 6, E4		25
13	A series of resolvable PBIB(3) designs with two replicates. <i>Metrika</i> , 2004 , 60, 251-254	0.8	2
12	Determination of second virial coefficient of proteins using a dual-detector cell for simultaneous measurement of scattered light intensity and concentration in SEC-HPLC. <i>Biophysical Journal</i> , 2004 , 87, 4048-55	2.9	57
11	Polymorphisms in human soluble epoxide hydrolase: effects on enzyme activity, enzyme stability, and quaternary structure. <i>Archives of Biochemistry and Biophysics</i> , 2004 , 427, 164-9	4.1	62
10	Effect of vacuum drying on protein-mannitol interactions: The physical state of mannitol and protein structure in the dried state. <i>AAPS PharmSciTech</i> , 2004 , 5, 58-69	3.9	20
9	Temperature- and pH-induced multiple partially unfolded states of recombinant human interferon-alpha2a: possible implications in protein stability. <i>Pharmaceutical Research</i> , 2003 , 20, 1721-9	4.5	46
8	Steady-state tryptophan fluorescence spectroscopy study to probe tertiary structure of proteins in solid powders. <i>Journal of Pharmaceutical Sciences</i> , 2003 , 92, 890-9	3.9	46
7	Calcipotriol versus coal tar: a prospective randomized study in stable plaque psoriasis. <i>International Journal of Dermatology</i> , 2003 , 42, 834-8	1.7	23
6	Robustness of complete diallel crossing plans against exchange of one cross. <i>Journal of Applied Statistics</i> , 2003 , 30, 21-35	1	1
5	Minimal balanced repeated measurements designs. <i>Journal of Applied Statistics</i> , 2003 , 30, 867-872	1	11
4	Robustness of Williams Square change-over designs. <i>Metrika</i> , 2002 , 55, 199-208	0.8	0
3	Correction of cubitus varus by French or dome osteotomy: a comparative study. <i>Journal of Trauma</i> , 2000 , 49, 717-21		43
2	Sulphaphenazole, streptomycin and sulphaphenazole combination, trimethoprim, and erythromycin in the treatment of chancroid. <i>Sexually Transmitted Infections</i> , 1990 , 66, 105-7	2.8	3
1	Condylomata lata of the eyelids. <i>Sexually Transmitted Infections</i> , 1989 , 65, 124-5	2.8	1

