

Vikas Sharma

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5926427/vikas-sharma-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Phyllanthus amarus: ethnomedicinal uses, phytochemistry and pharmacology: a review. <i>Journal of Ethnopharmacology</i> , 2011 , 138, 286-313	5	170
196	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
195	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, 18601-6	11.5	138
194	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
193	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
192	Driveline infections in left ventricular assist devices: implications for destination therapy. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 1381-6	2.7	91
191	Investigation into temperature-induced aggregation of an antibody drug conjugate. <i>Bioconjugate Chemistry</i> , 2013 , 24, 1674-83	6.3	89
190	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
189	A review on plants used for improvement of sexual performance and virility. <i>BioMed Research International</i> , 2014 , 2014, 868062	3	71
188	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
187	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
186	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
185	Spilanthes acmella 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
184	Mechanistic studies on aggregation of polyethylenimine-DNA complexes and its prevention. <i>Biotechnology and Bioengineering</i> , 2005 , 90, 614-20	4.9	63
183	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
182	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
181	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

180	Culture temperature modulates aggregation of recombinant antibody in cho cells. <i>Biotechnology and Bioengineering</i> , 2012 , 109, 125-36	4.9	52
179	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
178	Surface characterization of plasma-treated and PEG-grafted PDMS for micro fluidic applications. <i>Vacuum</i> , 2007 , 81, 1094-1100	3.7	52
177	Prostaglandin E2 promotes the survival of bone marrow-derived dendritic cells. <i>Journal of Immunology</i> , 2004 , 173, 6955-64	5.3	48
176	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
175	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
174	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
173	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
172	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
171	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
170	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
169	Correction of cubitus varus by French or dome osteotomy: a comparative study. <i>Journal of Trauma</i> , 2000 , 49, 717-21		43
168	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
167	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
166	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
165	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
164	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
163	Rasayana properties of Ayurvedic herbs: Are polysaccharides a major contributor. <i>Carbohydrate Polymers</i> , 2012 , 87, 3-15	10.3	39

162	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
161	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
160	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
159	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
158	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
157	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
156	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
155	Acorus calamus (The Healing Plant): a review on its medicinal potential, micropropagation and conservation. <i>Natural Product Research</i> , 2014 , 28, 1454-66	2.3	34
154	Cold denaturation of monoclonal antibodies. <i>MAbs</i> , 2010 , 2, 42-52	6.6	34
153	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
152	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
151	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
150	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
149	Hair Growth: Focus on Herbal Therapeutic Agent. <i>Current Drug Discovery Technologies</i> , 2015 , 12, 21-42	1.5	31
148	Genetic structure and diversity of India hybrid tea. <i>Genetic Resources and Crop Evolution</i> , 2012 , 59, 1527-1541		31
147	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
146	Curculigo orchioides: the black gold with numerous health benefits. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2010 , 8, 613-23		31
145	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

144	Immunomodulatory activity of petroleum ether extract of <i>Anacyclus pyrethrum</i> . <i>Pharmaceutical Biology</i> , 2010 , 48, 1247-54	3.8	29
143	Ant colony approach to constrained redundancy optimization in binary systems. <i>Applied Mathematical Modelling</i> , 2010 , 34, 992-1003	4.5	28
142	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
141	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
140	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
139	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
138	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
137	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
136	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
135	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
134	Opposite effects of polyols on antibody aggregation: thermal versus mechanical stresses. <i>Pharmaceutical Research</i> , 2012 , 29, 683-94	4.5	23
133	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
132	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
131	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
130	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
129	Reliability evaluation and optimal design in heterogeneous multi-state series-parallel systems. <i>Information Sciences</i> , 2011 , 181, 362-378	7.7	22
128	Triple light chain antibodies: factors that influence its formation in cell culture. <i>Biotechnology and Bioengineering</i> , 2010 , 105, 748-60	4.9	21
127	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

126	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
125	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
124	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
123	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
122	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
121	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
120	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
119	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
118	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
117	Interventions for pityriasis rosea. <i>The Cochrane Library</i> , 2007 , CD005068	5.2	18
116	Advancement in Research on <i>Aconitum</i> sp. (Ranunculaceae) under Different Area: A Review. <i>Biotechnology</i> , 2010 , 9, 411-427	0.1	18
115	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
114	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
113	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
112	A methodology to determine thermal conductivity of soils from flux measurement. <i>Geomechanics and Geoengineering</i> , 2016 , 11, 73-85	1.4	16
111	Highly sensitive bovine serum albumin biosensor based on liquid crystal. <i>Applied Physics Letters</i> , 2014 , 104, 043705	3.4	16
110	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
109	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

108	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
107	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
106	Influence of Accompanying Anions on Potassium Retention and Leaching in Potato Growing Alluvial Soils. <i>Pedosphere</i> , 2013 , 23, 464-471	5	14
105	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
104	<i>Pueraria tuberosa</i> DC extract improves androgenesis and sexual behavior via FSH LH cascade. <i>Scientific World Journal, The</i> , 2013 , 2013, 780659	2.2	14
103	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
102	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
101	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
100	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
99	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
98	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
97	Influence of Al doping on the magnetoresistance and transport properties of $\text{La}_{0.7}\text{Ba}_{0.3}\text{Mn}_{1-x}\text{Al}_x\text{O}_3$ ($0 \leq x \leq 0.15$) manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 471, 153-163	2.8	13
96	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
95	Moisture-induced aggregation of lyophilized DNA and its prevention. <i>Pharmaceutical Research</i> , 2007 , 24, 168-75	4.5	12
94	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
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	Bovine serum albumin binding and drug delivery studies with PVA-ferrofluid. <i>Journal of Bionic Engineering</i> , 2010 , 7, 29-34	2.7	11
91	Minimal balanced repeated measurements designs. <i>Journal of Applied Statistics</i> , 2003 , 30, 867-872	1	11

90	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
89	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
88	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
87	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
86	Biofunctionalized gold nanoparticle-conducting polymer nanocomposite based bioelectrode for CRP detection. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 174, 984-97	3.2	9
85	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
84	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
83	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
82	Optimal redundancy allocation in complex systems. <i>Journal of Quality in Maintenance Engineering</i> , 2010 , 16, 413-424	1.1	9
81	Electrochemical Impedance Immunosensor for the Detection of C-Reactive Protein in Aqueous Solution. <i>Sensor Letters</i> , 2010 , 8, 362-369	0.9	9
80	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
79	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
78	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
77	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
76	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
75	Intramedullary nailing for paediatric diaphyseal forearm bone fracture. <i>Kathmandu University Medical Journal</i> , 2011 , 9, 198-202	0.3	8
74	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
73	Serotonin and 5-hydroxy indole acetic acid in infantile hydrocephalus. <i>Pediatric Surgery International</i> , 2007 , 23, 571-4	2.1	8

72	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
71	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
70	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
69	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
68	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
67	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
66	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	1	6
65	Determination of Thermal Regime in Sandy Soils: Mathematical Framework ATHERES. <i>International Journal of Geomechanics</i> , 2017 , 17, 04017045	3.1	6
64	Analysis of genetic structure and interrelationships in lentil species using morphological and SSR markers. <i>3 Biotech</i> , 2017 , 7, 83	2.8	6
63	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
62	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
61	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
60	Percutaneous Ilio-Sacral Screw Fixation in Supine Position under Fluoroscopy Guidance. <i>Kathmandu University Medical Journal</i> , 2015 , 13, 56-60	0.3	6
59	QuantityIntensity 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
58	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
57	Scaphoid fracture: functional outcome following fixation with Herbert Screw. <i>Kathmandu University Medical Journal</i> , 2011 , 9, 267-73	0.3	6
56	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
55	Aconitum: Need for sustainable exploitation (with special reference to Uttarakhand). <i>International Journal of Green Pharmacy</i> , 2010 , 4, 220	2	6

54	Polyphenolics Free DNA Isolation from Different Types of Tissues of Aconitum heterophyllum Wall.-endangered Medicinal Species. <i>Journal of Plant Sciences</i> , 2010 , 5, 414-419	0.2	6
53	Production of genetically uniform plants from shoot tips of Aconitum heterophyllum Wall. critically endangered medicinal herb. <i>Journal of Horticultural Science and Biotechnology</i> , 2016 , 91, 529-535	1.9	5
52	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
51	Media Independent Handover (IEEE 802.21): Framework for Next Generation Vertical Handover Protocols 2011 ,		5
50	Differentiated services with multiple random early detection algorithm using ns2 simulator 2009 ,		5
49	Characterization of novel polymorphic microsatellite markers in Dactylorhiza hatagirea: a critically endangered orchid species from western Himalayas. <i>Conservation Genetics Resources</i> , 2015 , 7, 285-287	0.8	4
48	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
47	Cytomorphological variations and new reports of B-chromosomes in the genus Plantago (Plantaginaceae) from the Northwest Himalaya. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017 , 234, 69-76	1.9	4
46	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
45	Second-Order Response Surface Model with Neighbor Effects. <i>Communications in Statistics - Theory and Methods</i> , 2009 , 38, 1393-1403	0.5	4
44	Plant-livestock-soil-hydrology interactions in the northeastern region of India. <i>Biologia (Poland)</i> , 2009 , 64, 560-564	1.5	4
43	Ant colony optimization approach to heterogeneous redundancy in multi-state systems with multi-state components 2009 ,		4
42	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
41	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
40	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
39	Glycosides as Possible Lead Antimalarial in New Drug Discovery: Future Perspectives. <i>Current Drug Metabolism</i> , 2017 , 18, 402-403	3.5	3
38	Electrical analogy for modelling thermal regime and moisture distribution in sandy soils. <i>Geomechanics and Geoenvironment</i> , 2018 , 13, 22-32	1.4	3
37	Genetic diversity and structure of Betula utilis accessions of North-western Himalaya based on RAPD and ISSR markers. <i>Nucleus (India)</i> , 2018 , 61, 145-152	1.7	3

36	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
35	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
34	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
33	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
32	Thermoelectric properties of CuS/Ag ₂ S nanocomposites synthesized by modified polyol method 2016 ,		3
31	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
30	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
29	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
28	Development and characterization of novel microsatellite markers in <i>Trillium govanianum</i> : a threatened plant species from North-Western Himalaya. <i>3 Biotech</i> , 2017 , 7, 190	2.8	2
27	Cytogenetic Studies of Genus <i>Clematis</i> L. (Ranunculaceae) from the Western Himalayas, India. <i>Cytologia</i> , 2017 , 82, 355-361	0.9	2
26	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
25	Recent developments in MIMO channel estimation techniques 2012 ,		2
24	A series of resolvable PBIB(3) designs with two replicates. <i>Metrika</i> , 2004 , 60, 251-254	0.8	2
23	Auto-video Tracking System: Performance Evaluation. <i>Defence Science Journal</i> , 2008 , 58, 565-572	1.4	2
22	Thermoelectric properties of nanocrystalline lead telluride 2019 ,		1
21	Thermoelectric properties of polyol synthesized copper telluride nanoparticles 2019 ,		1
20	Effect of additive on Zeta potential and particle size of nickel nanoparticles 2017 ,		1
19	Universally optimal balanced changeover designs with first residuals. <i>Metrika</i> , 2013 , 76, 339-346	0.8	1

18	Review: A Rare Medicinal Herb <i>Zizyphus xylopyrus</i> (Retz.) Willd. <i>Pharmacognosy Journal</i> , 2011 , 3, 18-23	1.6	1
17	Multiple intrathoracic hydatids. <i>Asian Cardiovascular and Thoracic Annals</i> , 2010 , 18, 88-9	0.6	1
16	Tetrahedral and cubical association schemes with related PBIB(3) designs. <i>Model Assisted Statistics and Applications</i> , 2010 , 5, 93-99	0.3	1
15	Generalized incomplete Trojan-type designs. <i>Statistics and Probability Letters</i> , 2010 , 80, 706-710	0.6	1
14	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
13	Control, Alarm and Indicator Systems in Modern Electric Vehicles 2006 ,		1
12	Robustness of complete diallel crossing plans against exchange of one cross. <i>Journal of Applied Statistics</i> , 2003 , 30, 21-35	1	1
11	Condylomata lata of the eyelids. <i>Sexually Transmitted Infections</i> , 1989 , 65, 124-5	2.8	1
10	Development of transcriptome-wide SSR markers for genetic diversity and structure analysis in (Lam.)Verdc. <i>Physiology and Molecular Biology of Plants</i> , 2020 , 26, 2255-2266	2.8	1
9	Zeta-potential and particle size studies of silver sulphide nanoparticles 2016 ,		1
8	Synthesis and dispersion medium-dependent stability of cadmium sulfide nanoparticles 2019 ,		1
7	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
6	Robustness of Williams Square change-over designs. <i>Metrika</i> , 2002 , 55, 199-208	0.8	0
5	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	
4	Reply: To PMID 22503852. <i>Annals of Thoracic Surgery</i> , 2013 , 95, 1844	2.7	
3	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	
2	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	
1	Coronary to pulmonary collateral in tetralogy of Fallot with pulmonary stenosis. <i>Annals of Thoracic Surgery</i> , 2009 , 87, 1297	2.7	

