

Puneet Kumar

List of Publications by Year in descending order

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59
papers

1,031
citations

394421

19
h-index

454955

30
g-index

62
all docs

62
docs citations

62
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of cytomixis on meiosis, pollen viability and pollen size in wild populations of Himalayan poppy (<i>Meconopsis aculeata</i> Royle). <i>Journal of Biosciences</i> , 2008, 33, 371-380.	1.1	133
2	Cytomixis and associated meiotic abnormalities affecting pollen fertility in <i>Clematis orientalis</i> . <i>Biologia Plantarum</i> , 2010, 54, 181-184.	1.9	78
3	Chromosome number, male meiosis and pollen fertility in selected angiosperms of the cold deserts of Lahaul-Spiti and adjoining areas (Himachal Pradesh, India). <i>Plant Systematics and Evolution</i> , 2011, 297, 271-297.	0.9	55
4	Cytology of <i>Caltha palustris</i> L. (Ranunculaceae) from Cold Regions of Western Himalayas. <i>Cytologia</i> , 2008, 73, 137-143.	0.6	51
5	Effect of Cytomixis on the Pollen Size in 'Seabuckthorn' (<i>Hippophae rhamnoides</i> L., Elaeagnaceae). <i>Cytologia</i> , 2008, 73, 167-172.	0.6	44
6	Impaired Male Meiosis due to Irregular Synapsis Coupled with Cytomixis in a New Diploid Cytotype of <i>Dianthus angulatus</i> (Caryophyllaceae) from Indian Cold Deserts. <i>Folia Geobotanica</i> , 2012, 47, 59-68.	0.9	43
7	Persistent occurrence of meiotic abnormalities in a new hexaploid cytotype of <i>Thalictrum foetidum</i> from Indian cold deserts. <i>Biologia (Poland)</i> , 2011, 66, 458-464.	1.5	38
8	Cytology of <i>Ranunculus laetus</i> Wall. ex Royle from cold desert regions and adjoining hills of North-west Himalayas (India). <i>Caryologia</i> , 2011, 64, 25-32.	0.3	35
9	Male meiosis, morphometric analysis and distribution pattern of 2n and 4n cytotypes of <i>Ranunculus hirtellus</i> Royle, 1834 (Ranunculaceae) from the cold regions of northwest Himalayas (India). <i>Comparative Cytogenetics</i> , 2011, 5, 143-161.	0.8	35
10	Syncytes during male meiosis resulting in 2n pollen grain formation in <i>Lindelia longiflora</i> var. <i>falconeri</i> . <i>Journal of Systematics and Evolution</i> , 2011, 49, 406-410.	3.1	34
11	Uses of Local Plant Biodiversity among the Tribal Communities of Pangi Valley of District Chamba in Cold Desert Himalaya, India. <i>Scientific World Journal</i> , The, 2014, 2014, 1-15.	2.1	34
12	Cytomixis Induced Meiotic Abnormalities in Pollen Mother Cells of <i>Clematis flammula</i> L. (Ranunculaceae). <i>Cytologia</i> , 2008, 73, 381-385.	0.6	32
13	Chromatin Transfer during Male Meiosis Resulted into Heterogeneous Sized Pollen Grains in <i>Anemone rivularis</i> Buch.-Ham. ex DC. from Indian Cold Deserts. <i>Cytologia</i> , 2009, 74, 229-234.	0.6	31
14	Aberrant Male Meiosis, Pollen Sterility and Variable Sized Pollen Grains in <i>Clematis montana</i> Buch.-Ham. ex DC. from Dalhousie hills, Himachal Pradesh. <i>Cytologia</i> , 2010, 75, 31-36.	0.6	30
15	Impact of Reciprocal Translocations and Non-Synchronous Disjunction of Chromosomes on Pollen Fertility in <i>Astragalus chlorostachys</i> from the Northwest Himalayas (India). <i>Cytologia</i> , 2012, 77, 173-179.	0.6	23
16	Cytological studies in some plants from cold deserts of India, Lahaul and Spiti (Himachal Pradesh). <i>Chromosome Botany</i> , 2009, 4, 5-11.	0.2	21
17	Impact of Chromatin Transfer and Spindle Abnormalities on Pollen Fertility and Pollen Size in <i>Plantago lanceolata</i> L.. <i>Cytologia</i> , 2010, 75, 421-426.	0.6	21
18	Cytogeography and phenomenon of cytomixis in <i>Silene vulgaris</i> from cold regions of Northwest Himalayas (India). <i>Plant Systematics and Evolution</i> , 2014, 300, 831-842.	0.9	21

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19	Meiotic Studies in Species from the Cold Deserts of Lahaul-Spiti and Adjoining Areas (Northwest) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	20
20	Structural heterozygosity and cytotoxicity driven pollen sterility in <i>Anemone rivularis</i> Buch.-Ham. ex DC. from Western Himalaya (India). <i>Caryologia</i> , 2015, 68, 246-253.	0.3	20
21	Erratic Male Meiosis Resulting in 2n Pollen Grain Formation in a 4x Cytotype (2n=28) of <i>Ranunculus laetus</i> Wall. ex Royle. <i>Scientific World Journal</i> , The, 2012, 2012, 1-9.	2.1	19
22	Reduction in chiasma frequency and pollen fertility due to multiple chromosomal associations and univalents in <i>Saxifraga diversifolia</i> from alpine regions of northwest Himalayas (India). <i>Caryologia</i> , 2013, 66, 120-127.	0.3	19
23	New detection of haploid chromosomes, pollen size and sterility in <i>Lychnis indica</i> Benth. var. <i>fimbriata</i> Wall.. <i>Chromosome Botany</i> , 2009, 4, 53-56.	0.2	16
24	Phenology, pollination and breeding system of <i>Aegle marmelos</i> (Linn.) correa (Rutaceae) from India. <i>New Forests</i> , 2011, 42, 85-100.	1.7	16
25	Multiple Associations of Chromosomes Due to Structural Heterozygosity in the Wild Plants of <i>Achillea millefolium</i> L. from Northwest Himalayas (India). <i>Cytologia</i> , 2014, 79, 151-159.	0.6	15
26	High Pollen Sterility and 2n Pollen Grains in an Asynaptic 4x Cytotype (2n=48) of <i>Solanum nigrum</i> L.. <i>Cytologia</i> , 2012, 77, 333-342.	0.6	13
27	Cytomorphological diversity in some selected members of Poaceae from Parvati Valley in Kullu district of Himachal Pradesh, India. <i>Plant Systematics and Evolution</i> , 2014, 300, 1385-1408.	0.9	11
28	Chromosome numbers, characterization of chromosomal pairing during meiosis, origin and natural propagation in polyploid cytotypes (4x, 5x and 6x) of <i>Agrimonia eupatoria</i> L. (Rosaceae) in northwest Himalayas (India). <i>Protoplasma</i> , 2014, 251, 781-795.	2.1	11
29	Male Meiotic Studies in Some Plants of Polypetalae from Dalhousie Hills (Himachal Pradesh). <i>Cytologia</i> , 2010, 75, 289-297.	0.6	10
30	Male meiosis, morphometric analysis and natural propagation in the 2n and 3n cytotypes of <i>Tordyliopsis brunonis</i> (Apiaceae) from northwest Himalayas (India). <i>Plant Systematics and Evolution</i> , 2014, 300, 1477-1486.	0.9	10
31	Cytotoxicity and Associated Abnormalities during Male Meiosis in <i>Lindelia longiflora</i> var. <i>falconeri</i> (Boraginaceae). <i>Cytologia</i> , 2014, 79, 535-540.	0.6	8
32	Ethnobotany and Ethnomedicinal Uses, Chromosomal Status and Natural Propagation of Some Plants of Lahaul-Spiti and Adjoining Hills. <i>Journal of Botany</i> , 2013, 2013, 1-14.	1.2	7
33	Chromosome counts, chromosomal pairing, and pollen fertility in thirty-eight species of Asteraceae from Pangi Valley in District Chamba of Himachal Pradesh (India). <i>Revista Brasileira De Botanica</i> , 2015, 38, 837-850.	1.3	7
34	Nucleoli migration coupled with cytotoxicity. <i>Biologia (Poland)</i> , 2016, 71, 651-659.	1.5	7
35	Cytological Studies of Some Dicots from the Hills of Mandi District (Himachal Pradesh) in Northwest Indian Himalayas. <i>Cytologia</i> , 2013, 78, 55-68.	0.6	6
36	Chromosome Counts and Cytotoxicity in Two Species of <i>Trigonella</i> L.. <i>Cytologia</i> , 2013, 78, 235-242.	0.6	5

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37	First detection of cytotoxicity and its consequences in <i>Thalictrum cultratum</i> Wall. (Ranunculaceae). <i>Cytology and Genetics</i> , 2017, 51, 384-390.	0.5	5
38	Cytotoxicity in angiosperms from Northwestern Argentina. <i>Botany Letters</i> , 2021, 168, 536-545.	1.4	5
39	Chromosome number and secondary chromosomal associations in wild populations of <i>Geranium pratense</i> L. from the cold deserts of Lahaul-Spiti (India). <i>Cytology and Genetics</i> , 2013, 47, 107-114.	0.5	4
40	Morphological and Ecological Adaptations, and Cytological Studies in <i>Astragalus rhizanthus</i> Royle ex Benth. (Papilionaceae), an Endemic to Himalayas. <i>Cytologia</i> , 2016, 81, 155-160.	0.6	4
41	A profile of male meiosis, chromosomal variation and status in species of <i>Impatiens</i> from North-West Himalaya in India. <i>Caryologia</i> , 2017, 70, 258-269.	0.3	4
42	A Brief Overview of Vegetation of Pangri Valley: An High Altitude Region of Northwest Himalaya, India. <i>Biosciences, Biotechnology Research Asia</i> , 2017, 14, 625-630.	0.5	4
43	A Synopsis of Cytology and Cyto geography of Tribe Epilobieae Endl. (Onagraceae). <i>Cytologia</i> , 2018, 83, 175-180.	0.6	3
44	In vitro propagation and cytological analysis of <i>Sophora mollis</i> Royle: an endangered medicinal shrub. <i>Journal of Genetic Engineering and Biotechnology</i> , 2021, 19, 40.	3.3	3
45	Chromosome count, meiotic abnormalities and pollen sterility in Lahaul sweetvetch (<i>Hedysarum</i>) Tj ETQq1 1 0.784314 rgBT /Overlook Croatia, 2018, 77, 203-208.	0.7	3
46	Chromosome count, meiotic abnormalities, pollen fertility and karyotype of <i>Elymus semicostatus</i> (Nees ex Steud.) Meld. (Family: Poaceae) from North-west Himalaya. <i>Caryologia</i> , 2018, 71, 322-330.	0.3	2
47	IAPT chromosome data 29. <i>Taxon</i> , 2019, 68, 880-883.	0.7	2
48	<i>Arabis nuda</i> BÖl., (Brassicaceae), A New Record for Himachal Pradesh. <i>Indian Journal of Forestry</i> , 2019, 42, 339-341.	0.0	2
49	<i>Veronica ciliata</i> subsp. <i>cephaloides</i> : a new record for the flora of Himachal Pradesh (India) with an updated checklist of the genus <i>Veronica</i> in India. <i>Indian Journal of Forestry</i> , 2020, 43, 322-327.	0.0	2
50	Enumeration of Family Fabaceae from Sechu Tuan Nalla Wildlife Sanctuary, Chamba District, Himachal Pradesh (India). <i>Journal of Botanical Research</i> , 2022, 4, 29-35.	0.2	2
51	Meiotic Studies and B-Chromosomes in <i>Sedum oreades</i> (Decne.) R. Hamet (Crassulaceae) from Alpine Regions of Northwest Indian Himalaya. <i>Cytologia</i> , 2016, 81, 275-278.	0.6	1
52	Chromosome counts and male meiosis in two species of <i>Pleurospermum</i> Hoffm. (Apiaceae): additional comments on the cytogeographic pattern of the genus. <i>Caryologia</i> , 2016, 69, 273-282.	0.3	1
53	Intraspecific floral morphotypes in six high altitude perennial herbaceous species from northwest Himalaya: their chromosome counts, meiotic behavior and pollen fertility. <i>Nucleus (India)</i> , 2018, 61, 35-43.	2.2	1
54	Karyomorphological and SEM studies in newly discovered populations of a critically endangered medicinal plant "Lilium polyphyllum D. Don ex Royle from a high altitude protected area of northwestern Himalaya. <i>Microscopy Research and Technique</i> , 2021, 84, 2291-2301.	2.2	1

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55	Chromosome count and karyotype of two species of Clematis (Ranunculaceae). Botany Letters, 2017, 164, 177-181.	1.4	0
56	Male Meiotic and Morphometric Analysis in the 2 <i>x</i> and 4 <i>x</i> Cytotypes in <i>Arabis recta</i> Vill. (Brassicaceae) from Cold Desert Regions of North-West Himalayas. Cytologia, 2018, 83, 207-210.	0.6	0
57	High Pollen Sterility Relatable to Structural Heterozygosity, and SEM Study in Poison Devil Tree (<i>Alstonia venenata</i> R.Br.). Cytologia, 2021, 86, 161-166.	0.6	0
58	Secondary associations in "Himalayan pink"™ (<i>Dianthus angulatus</i> Royle ex Benth., Caryophyllaceae) from cold deserts of Lahaul-Spiti. Genetika, 2017, 49, 87-94.	0.4	0
59	Pullian: The traditional Pangwal snow shoe. Ethnobotany Research and Applications, 2019, 18, .	0.6	0