

# Kishore S Rajput

## List of Publications by Year in descending order

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106  
papers

751  
citations

623699

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20  
g-index

106  
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106  
docs citations

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times ranked

459  
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#	ARTICLE	IF	CITATIONS
1	Contribution of lignin degrading enzymes in decolourisation and degradation of reactive textile dyes. <i>International Biodeterioration and Biodegradation</i> , 2013, 77, 1-9.	3.9	55
2	Seasonal Behaviour of Vascular Cambium in Teak ( <i>Tectona Grandis</i> ) Growing in Moist Deciduous and Dry Deciduous Forests. <i>IAWA Journal</i> , 1999, 20, 85-93.	2.7	40
3	Radial secondary growth and formation of successive cambia and their products in <i>Ipomoea hederifolia</i> L. ( <i>Convolvulaceae</i> ). <i>Botanical Journal of the Linnean Society</i> , 2008, 158, 30-40.	1.6	29
4	Wood Anatomy and the Development of Interxylary Phloem of <i>Ipomoea hederifolia</i> Linn. ( <i>Convolvulaceae</i> ). <i>Journal of Plant Growth Regulation</i> , 2013, 32, 654-662.	5.1	25
5	Development of intraxylary phloem and internal cambium in <i>Ipomoea hederifolia</i> ( <i>Convolvulaceae</i> ). <i>Journal of the Torrey Botanical Society</i> , 2009, 136, 423-432.	0.3	21
6	Thermostable xylanase production and partial purification by solid-state fermentation using agricultural waste wheat straw. <i>Mycology</i> , 2010, 1, 106-112.	4.4	21
7	Relationship between seasonal cambial activity, development of xylem and phenology in <i>Azadirachta indica</i> growing in different forests of Gujarat State. <i>Annals of Forest Science</i> , 2001, 58, 691-698.	2.0	20
8	Development of successive cambia and pattern of secondary growth in the stem of the Neotropical liana <i>Rhynchosia phaseoloides</i> (SW.) DC. ( <i>Fabaceae</i> ). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2012, 207, 607-614.	1.2	20
9	SECONDARY GROWTH IN THE STEM OF SOME SPECIES OF ALTERNANTHERA AND ACHYRANTHES ASPERA ( <i>AMARANTHACEAE</i> ). <i>IAWA Journal</i> , 2000, 21, 417-424.	2.7	16
10	Stem anatomy of <i>Amaranthaceae</i> : Rayless nature of xylem. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2002, 197, 224-232.	1.2	16
11	Cambial activity and development of wood in <i>Acacia nilotica</i> (L.) Del. growing in different forests of Gujarat State. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2000, 195, 165-171.	1.2	15
12	Stem anatomy of <i>Dolichos lablab</i> Linn ( <i>Fabaceae</i> ): Origin of cambium and reverse orientation of vascular bundles. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2006, 201, 65-73.	1.2	15
13	Development of Intra- and Interxylary Secondary Phloem in <i>Coccinia indica</i> ( <i>Cucurbitaceae</i> ). <i>IAWA Journal</i> , 2011, 32, 475-491.	2.7	14
14	Seasonal cambial activity and wood formation in trees and lianas of <i>Leguminosae</i> growing in the Atlantic Forest: a comparative study. <i>Botany</i> , 2015, 93, 211-220.	1.0	14
15	Formation of tri-lobed stem and development of successive cambia in the stems of <i>Argyrea hookeri</i> C. B. Clarke ( <i>Convolvulaceae</i> ). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017, 233, 140-149.	1.2	13
16	Nucleated Wood Fibres in Some Members of <i>Combretaceae</i> . <i>IAWA Journal</i> , 1999, 20, 79-83.	2.7	12
17	CAMBIAL VARIANT AND XYLEM STRUCTURE IN THE STEM OF <i>COCCULUS HIRsutus</i> ( <i>MENISPERMACEAE</i> ). <i>IAWA Journal</i> , 2003, 24, 411-420.	2.7	12
18	Development of included phloem of <i>Calycopteris floribunda</i> Lamk. ( <i>Combretaceae</i> ). <i>Journal of the Torrey Botanical Society</i> , 2009, 136, 302-312.	0.3	12

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19	Death and decay in the trees of Mango ( <i>Mangifera indica</i> L.). <i>Microbiological Research</i> , 2007, 162, 229-237.	5.3	11
20	Pattern of delignification in <i>Ailanthus excelsa</i> Roxb. wood by <i>Inonotus hispidus</i> (Bull.: Fr.) Karst.. <i>Mycology</i> , 2010, 1, 204-211.	4.4	11
21	Isolation, Optimization, and Partial Purification of Amylase from <i>Chrysosporium asperatum</i> by Submerged Fermentation. <i>Journal of Microbiology and Biotechnology</i> , 2011, 21, 470-176.	2.1	11
22	Cambial Activity and Wood Anatomy in <i>Prosopis Spicigera</i> (Mimosaceae) Affected by Combined air Pollutants. <i>IAWA Journal</i> , 2008, 29, 209-219.	2.7	10
23	Development of successive cambia and structure of wood in <i>Gallesia integrifolia</i> (Spreng.) Harms (Phytolaccaceae). <i>Trees - Structure and Function</i> , 2012, 26, 1943-1950.	1.9	10
24	Stem anatomy and development of successive cambia in <i>Hebanthe eriantha</i> (Poir.) Pedersen: a neotropical climbing species of the Amaranthaceae. <i>Plant Systematics and Evolution</i> , 2013, 299, 1449-1459.	0.9	10
25	Internal cambium and intraxylary phloem development in <i>Ipomoea turbinata</i> Lag. (Convolvulaceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017, 226, 47-54.	1.2	10
26	Stem anatomy and development of inter- and intraxylary phloem in <i>Leptadenia pyrotechnica</i> (Forssk.) Decne. (Asclepiadaceae). <i>Plant Biosystems</i> , 2017, 151, 855-865.	1.6	10
27	Stem anatomy at various developmental stages of secondary growth in <i>Turbina corymbosa</i> (Convolvulaceae). <i>Plant Ecology and Evolution</i> , 2018, 151, 219-230.	0.7	10
28	Occurrence of Sieve Elements in Phloem Rays. <i>IAWA Journal</i> , 1997, 18, 197-201.	2.7	9
29	Formation of successive cambia and stem anatomy of <i>Sesuvium sesuvioides</i> (Aizoaceae). <i>Botanical Journal of the Linnean Society</i> , 2008, 158, 548-555.	1.6	9
30	Stem anatomy and pattern of secondary growth in some herbaceous vine species of Menispermaceae. <i>Journal of the Torrey Botanical Society</i> , 2010, 137, 157-165.	0.3	9
31	Structure And Development Of Internal Phloem In <i>Solanum Pseudocapsicum</i> (Solanaceae). <i>IAWA Journal</i> , 2014, 35, 1-11.	2.7	9
32	Light microscopic analysis of <i>Tectona grandis</i> L.f. wood inoculated with <i>Irpex lacteus</i> and <i>Phanerochaete chrysosporium</i> . <i>European Journal of Wood and Wood Products</i> , 2014, 72, 157-164.	2.9	9
33	Structure and Ontogeny of Intraxylary Secondary Xylem and Phloem Development by the Internal Vascular Cambium in <i>Campsis radicans</i> (L.) Seem. (Bignoniaceae). <i>Journal of Plant Growth Regulation</i> , 2018, 37, 755-767.	5.1	9
34	Cambial activity and development of xylem in <i>Tamarindus indica</i> L. growing in different forests of gujarat state. <i>Acta Botanica Hungarica</i> , 2001, 43, 379-390.	0.3	8
35	Stem anatomy of the dwarf subshrub <i>Cressa cretica</i> L. (Convolvulaceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2014, 209, 408-413.	1.2	8
36	Multiple cambia and secondary xylem of <i>Ipomoea pes-caprae</i> (L.) R. Br. (Convolvulaceae). <i>Acta Botanica Gallica</i> , 2014, 161, 13-19.	0.9	8

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37	Comparative Structure Of Vascular Cambium And Its Derivatives In Some Species Of Sterculia. IAWA Journal, 1996, 17, 311-318.	2.7	7
38	Cambial Anatomy and Annual Rhythm of Secondary Xylem Development in the Twigs of <i>Azadirachta indica</i> A. Juss. (Meliaceae) Growing in Different Forests of Gujarat State. Journal of Sustainable Forestry, 2001, 14, 115-127.	1.4	7
39	Seasonal Cambial Anatomy and Development of Xylem in <i>Dalbergia sissoo</i> Growing Under the Influence of Combined Air Pollutants. Journal of Sustainable Forestry, 2004, 18, 73-88.	1.4	7
40	Solid State Fermentation: Comprehensive Tool for Utilization of Lignocellulosic through Biotechnology. Journal of Bioprocessing & Biotechniques, 2015, 5, .	0.2	7
41	Comparison of petiole anatomy in <i>Flemingia</i> and its potential for delimitation of species. Flora: Morphology, Distribution, Functional Ecology of Plants, 2021, 278, 151790.	1.2	7
42	The genus <i>Isoetes</i> from India: An overview. Plant Science Today, 2017, 4, 213-226.	0.7	7
43	Xylariaceae: Overview and addition to fungal diversity of Gujarat state. Studies in Fungi, 2016, 1, 69-79.	0.4	7
44	Anatomical Changes in the Stems of <i>Azadirachta Indica</i> (Meliaceae) Infected by Pathogenic Fungi. IAWA Journal, 2009, 30, 27-36.	2.7	6
45	Morpho-anatomy of <i>Solanum pseudocapsicum</i> . Revista Brasileira De Farmacognosia, 2011, 21, 11-15.	1.4	6
46	Distribution of tension wood like gelatinous fibres in the roots of <i>Acacia nilotica</i> (Lam.) Willd. Planta, 2014, 240, 1191-1202.	3.2	6
47	Histological and ultrastructural alterations in the <i>Ailanthus excelsa</i> wood cell walls by <i>Bjerkandera adusta</i> (Willd.) P. Karst. International Biodeterioration and Biodegradation, 2015, 100, 124-132.	3.9	6
48	<i>Ophioglossum gujaratense</i> , a new species from Gujarat State, India. Phytotaxa, 2018, 351, 273.	0.3	6
49	Development of successive cambia and structure of secondary xylem in the stems and roots of <i>Distimake tuberosus</i> (Convolvulaceae). Flora: Morphology, Distribution, Functional Ecology of Plants, 2021, 279, 151814.	1.2	6
50	Development of cambial variant and parenchyma proliferation in <i>Hewittia malabarica</i> (Convolvulaceae) from India and South Africa. IAWA Journal, 2020, 42, 50-63.	1.0	6
51	Formation of medullary phloem in <i>Argyrea nervosa</i> (Burm. f.) Bojer. Plant Science Today, 2019, 6, 151-159.	0.7	6
52	Cambial Anatomy, Development and Structural Changes in the Wood of Teak ( <i>Tectona grandis</i> L.f.) Associated with Insect Defoliation. Journal of Sustainable Forestry, 2005, 20, 51-63.	1.4	5
53	Development of Cambial Variant in <i>Sesuvium portulacastrum</i> L. (aizoaceae). Journal of the Torrey Botanical Society, 2008, 135, 483-490.	0.3	5
54	Development of lateral meristem and pattern of secondary growth in stems and roots of <i>Spinacia oleracea</i> Linn (Amaranthaceae). Feddes Repertorium, 2010, 121, 209-218.	0.5	5

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55	Comparative study on the delignification of <i>Azadirachta indica</i> (L) Del., wood by <i>Chrysosporium asperatum</i> and <i>Trichoderma harzianum</i> . <i>International Biodeterioration and Biodegradation</i> , 2011, 65, 179-184.	3.9	5
56	Stem Anatomy and Development of Successive Cambia in the Neotropical Liana <i>Securidaca Rivinifolia</i> (Polygalaceae). <i>IAWA Journal</i> , 2012, 33, 391-402.	2.7	5
57	Root to branch wood anatomical variation and its influence on hydraulic conductivity in five Brazilian Cerrado species. <i>Bosque</i> , 2017, 38, 183-193.	0.3	5
58	Occurrence of radial sieve elements in the secondary phloem rays of some tropical species. <i>Israel Journal of Plant Sciences</i> , 2004, 52, 109-114.	0.5	4
59	Development of Successive Cambia and Structure of Secondary Xylem of <i>Ipomoea Obscura</i> (Convolvulaceae). <i>Polish Botanical Journal</i> , 2014, 59, 55-61.	0.5	4
60	Comparative study on secondary xylem and formation of successive cambia in stems and roots of <i>Antigonon leptopus</i> Hook. & Arn. (Polygonaceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2015, 217, 131-137.	1.2	4
61	Evaluation of <i>Schizophyllum commune</i> Fr. potential for biodegradation of lignin: A light microscopic analysis. <i>Wood Material Science and Engineering</i> , 2016, 11, 46-56.	2.3	4
62	(2565) Proposal to reject the name <i>Isoetes sahyadrii</i> ( <i>Isoetaceae</i> ). <i>Taxon</i> , 2017, 66, 1470-1470.	0.7	4
63	Immunolocalization of $\beta$ -D-galactan, xyloglucans and xylans in the reaction xylem fibres of <i>Leucaena leucocephala</i> (Lam.) de Wit. <i>Plant Physiology and Biochemistry</i> , 2019, 142, 217-223.	5.8	4
64	Structure of the secondary xylem and development of a cambial variant in <i>Serjania mexicana</i> (Sapindaceae). <i>IAWA Journal</i> , 2021, 43, 103-115.	1.0	4
65	Cambial variants in the roots of <i>Glinus lotoides</i> L. and <i>G. oppositifolius</i> (L.) A. DC. (Molluginaceae). <i>Acta Botanica Hungarica</i> , 2003, 45, 183-191.	0.3	3
66	STEM ANATOMY OF SOME SPECIES OF PASSIFLORA (PASSIFLORACEAE). <i>IAWA Journal</i> , 2016, 37, 431-443.	2.7	3
67	Development of successive cambia and wood structure in stem of <i>Rivea hypocriteriformis</i> (Convolvulaceae). <i>Polish Botanical Journal</i> , 2016, 61, 89-98.	0.5	3
68	Development of Inverse Cambia and Structure of Secondary Xylem in <i>Ipomoea turbinata</i> (Convolvulaceae). <i>Polish Botanical Journal</i> , 2017, 62, 87-97.	0.5	3
69	Development of successive cambia and formation of flat stems in <i>Rhynchosia pyramidalis</i> (Lam.) Urb. (Fabaceae). <i>Plant Biosystems</i> , 2018, 152, 1031-1038.	1.6	3
70	Cytological studies in <i>Zanonia indica</i> (Cucurbitaceae), a monotypic genus. <i>Nucleus (India)</i> , 2018, 61, 105-109.	2.2	3
71	Development of successive cambia and formation of secondary xylem in <i>Suaeda nudiflora</i> and <i>S. fruticosa</i> (Amaranthaceae s.l.). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019, 256, 43-51.	1.2	3
72	Assessment of Pteridophyte Diversity and their Status in Gujarat State, Western India. <i>Plant Science Today</i> , 2016, 3, 337.	0.7	3

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73	Development of successive cambia and structure of the secondary xylem in some members of the family Amaranthaceae. <i>Plant Science Today</i> , 2019, 6, 31-39.	0.7	3
74	A preliminary checklist of fungi of Gujarat State, India. <i>Current Research in Environmental and Applied Mycology</i> , 2015, 5, 285-306.	0.6	3
75	Secondary growth and occurrence of laticifers in the root of papaya ( <i>Carica papaya</i> L.). <i>Acta Botanica Gallica</i> , 2013, 160, 255-260.	0.9	2
76	The Delignification Pattern of <i>Ailanthus excelsa</i> Wood by <i>Inonotus hispidus</i> (Bull.: Fr.) P. Karst.. <i>Journal of Sustainable Forestry</i> , 2015, 34, 502-515.	1.4	2
77	FORMATION OF SUCCESSIVE CAMBIA IN THE MENISPERMUM TREE <i>COCCULUS LAURIFOLIUS</i> (MENISPERMACEAE). <i>IAWA Journal</i> , 2015, 36, 400-408.	2.7	2
78	Burl formation in mango ( <i>Mangifera indica</i> ): a neglected tumour disorder and the structure of its secondary xylem. <i>IAWA Journal</i> , 2020, 41, 85-97.	2.7	2
79	In-silico Discovery of Fungal Metabolites Bergenin, Quercitrin and Dihydroartemisinin as Potential Inhibitors against Main Protease of SARSCoV- 2. <i>Coronaviruses</i> , 2021, 2, .	0.3	2
80	Review on the genus <i>Tectaria</i> Cav. from India. <i>Plant Science Today</i> , 2019, 6, 170-182.	0.7	2
81	Distribution and diversity of Polyporaceae in Western India: An overview and addition to mycoflora of the Gujarat state. <i>Plant Science Today</i> , 2018, 5, 32-38.	0.7	2
82	Genus <i>Athyrium</i> Roth (Athyriaceae: Pteridophyta) from Gujarat State. <i>Plant Science Today</i> , 2019, 6, 54-62.	0.7	2
83	NUCLEATED XYLEM FIBERS IN SOME INDIAN SPECIES. <i>Israel Journal of Plant Sciences</i> , 1999, 47, 265-268.	0.5	1
84	Occurrence of rayless secondary xylem in some Indian herbaceous species. <i>Israel Journal of Plant Sciences</i> , 2001, 49, 221-228.	0.5	1
85	Wood and Leaf Anatomy of <i>Copaifera langsdorffii</i> Dwarf Trees. <i>IAWA Journal</i> , 2014, 35, 170-185.	2.7	1
86	Cambial activity in the young branches and peduncles of <i>couroupita guianensis</i> (Lecythydaceae). <i>IAWA Journal</i> , 2014, 35, 281-292.	2.7	1
87	Histological changes in the cell wall structure during wood decay by <i>Trametes hirsuta</i> and <i>Trametes versicolor</i> in neem ( <i>Azadirachta indica</i> A. Juss). <i>Journal of Sustainable Forestry</i> , 2016, 35, 578-590.	1.4	1
88	(2629) Proposal to conserve the name <i>Ophioglossum parvifolium</i> (Ophioglossaceae) with a conserved type. <i>Taxon</i> , 2018, 67, 807-807.	0.7	1
89	Mango ( <i>Mangifera indica</i> L.) Germplasm Screening Against Burl: Effect on Plant Morphology and Graft-incompatibility and Orchard Topography in India. <i>Erwerbs-Obstbau</i> , 2020, 62, 315-325.	1.3	1
90	<i>Sphaerobolus jaysukhianus</i> sp. nov.: an artillery fungus (Geastraceae, Basidiomycota) from India. <i>Plant Biosystems</i> , 2021, 155, 963-970.	1.6	1

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91	Anatomical Characterisation and In Vitro Laboratory Decay Test of Different Woods Decayed by <i>Xylaria hypoxylon</i> . , 2017, , 93-103.		1
92	Anatomical changes in the cell-wall structure of <i>Leucaena leucocephala</i> (Lam.) de Wit as caused by the decay fungi <i>Trametes versicolor</i> and <i>Trametes hirsuta</i> . Southern Forests, 2015, 77, 297-303.	0.7	0
93	Immunofluorescence Localization of $\beta$ -(1-4)-d-Galactan and Xylans in Tension Wood and Normal Wood Fibres of <i>Leucaena leucocephala</i> . , 2017, , 63-71.		0
94	Distribution of <i>Trichaleurina javanica</i> (Rehm) M. Carbone, Agnello & P. Alvarado (Chorioactidaceae) in India. Plant Biosystems, 2019, 153, 231-234.	1.6	0
95	Post infectious alterations caused by <i>Xylaria polymorpha</i> in the secondary xylem of <i>Lanea coromandelica</i> (Houtt.) Merr. Forestist, 2021, 71, 93-101.	0.4	0
96	Check-list of Pteridophytes from Gujarat State, Western India. Phytotaxa, 2021, 514, 89-104.	0.3	0
97	Rediscovery, resurrection and lectotypification of endemic <i>Isoetes sampathkumarnii</i> L. N. Rao from India. Plant Science Today, 2021, 8, .	0.7	0
98	Anatomy and cell wall chemistry of tension wood in <i>Hibiscus cannabinus</i> . Bosque, 2021, 42, 99-110.	0.3	0
99	Status of <i>Isoetes coromandeliana</i> L.f. and <i>Equisetum debile</i> Roxb. ex Voucher in Gujarat State, Western India. Notulae Scientia Biologicae, 2015, 7, .	0.4	0
100	Involvement of extracellular fungal enzymes in bioremediation of textile effluent. Journal of Microbiology, Biotechnology and Food Sciences, 2016, 05, 450-455.	0.8	0
101	Diversity, distribution and conservation status of the Adderâ€™s-tongue ferns in Goa, India. Journal of Threatened Taxa, 2020, 12, 17287-17298.	0.3	0
102	<i>Ipomoea laxiflora</i> H.J. Chowdhery & Debta (Convolvulaceae): new records for the Western Ghats and semiarid regions. Journal of Threatened Taxa, 2022, 14, 20526-20529.	0.3	0
103	Influence of burl disease on fruit yield and biochemical composition in mango cv. Rajapuri from Gujarat. Indian Phytopathology, 0, , 1.	1.2	0
104	LECTOTYPIFICATION OF <i>ISOETES DIXITII</i> SHENDE (ISOETACEAE) ENDEMIC TO INDIA. Phytotaxa, 2021, 528, 65-66.	0.3	0
105	Petiole anatomy of some species of <i>Bauhinia</i> L. sensu lato (Leguminosae Juss.) occurring in India. Nordic Journal of Botany, 2022, 2022, .	0.5	0
106	Could trees change future behaviour in xylogenesis to improve fitness based on past and current conditions? A tropical case of study. Research, Society and Development, 2022, 11, e4011931442.	0.1	0