

# Vijay Kumar

## List of Publications by Year in descending order

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Version: 2024-02-01

280  
papers

5,274  
citations

117571

34  
h-index

143943

57  
g-index

285  
all docs

285  
docs citations

285  
times ranked

6225  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on Aerial Swarm Robotics. IEEE Transactions on Robotics, 2018, 34, 837-855.	7.3	365
2	Obesity and osteoarthritis. Maturitas, 2016, 89, 22-28.	1.0	205
3	Catalytic antimicrobial robots for biofilm eradication. Science Robotics, 2019, 4, .	9.9	154
4	An analysis of written feedback on a PhD thesis. Teaching in Higher Education, 2007, 12, 461-470.	1.7	126
5	Activation of p38 Mitogen-activated Protein Kinase by PYK2/Related Adhesion Focal Tyrosine Kinase-dependent Mechanism. Journal of Biological Chemistry, 1999, 274, 10140-10144.	1.6	121
6	Anticancer and cytotoxic properties of the latex of Calotropis procera in a transgenic mouse model of hepatocellular carcinoma. World Journal of Gastroenterology, 2006, 12, 2517.	1.4	107
7	Functional interaction between RAFT1/FRAP/mTOR and protein kinase C $\delta$ in the regulation of cap-dependent initiation of translation. EMBO Journal, 2000, 19, 1087-1097.	3.5	94
8	Activation of MEK Kinase 1 by the c-Abl Protein Tyrosine Kinase in Response to DNA Damage. Molecular and Cellular Biology, 2000, 20, 4979-4989.	1.1	90
9	TLIO: Tight Learned Inertial Odometry. IEEE Robotics and Automation Letters, 2020, 5, 5653-5660.	3.3	89
10	Development of Autoimmunity in IL-14 $\beta$ -Transgenic Mice. Journal of Immunology, 2006, 177, 5676-5686.	0.4	84
11	c-Fos Is a Mediator of the c-Myc-induced Apoptotic Signaling in Serum-deprived Hepatoma Cells via the p38 Mitogen-activated Protein Kinase Pathway. Journal of Biological Chemistry, 2004, 279, 25313-25319.	1.6	80
12	Circulating miRNAs revealed as surrogate molecular signatures for the early detection of breast cancer. Cancer Letters, 2015, 369, 67-75.	3.2	76
13	Chemical and environmental vector control as a contribution to the elimination of visceral leishmaniasis on the Indian subcontinent: cluster randomized controlled trials in Bangladesh, India and Nepal. BMC Medicine, 2009, 7, 54.	2.3	75
14	“Ignoring me is part of learning”: Supervisory feedback on doctoral writing. Innovations in Education and Teaching International, 2017, 54, 68-75.	1.5	68
15	Effect of Village-wide Use of Long-Lasting Insecticidal Nets on Visceral Leishmaniasis Vectors in India and Nepal: A Cluster Randomized Trial. PLoS Neglected Tropical Diseases, 2010, 4, e587.	1.3	64
16	Hepatocellular carcinoma in a hepatitis B 'x' transgenic mouse model: A sequential pathological evaluation. Journal of Gastroenterology and Hepatology (Australia), 2003, 18, 80-91.	1.4	61
17	HBx-dependent cell cycle deregulation involves interaction with cyclin E/A $\beta$ -cdk2 complex and destabilization of p27Kip1. Biochemical Journal, 2007, 401, 247-256.	1.7	61
18	Proteomic analysis of heparin-binding proteins from human seminal plasma: a step towards identification of molecular markers of male fertility. Journal of Biosciences, 2009, 34, 899-908.	0.5	61

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19	Real-Time Particle Size Analysis Using Focused Beam Reflectance Measurement as a Process Analytical Technology Tool for a Continuous Granulationâ€“Dryingâ€“Milling Process. AAPS PharmSciTech, 2013, 14, 523-530.	1.5	60
20	Influence of topography on the endemicity of Kala-azar: a study based on remote sensing and geographical information system. Geospatial Health, 2010, 4, 155.	0.3	59
21	Measurement of Recent Exposure to Phlebotomus argentipes, the Vector of Indian Visceral Leishmaniasis, by Using Human Antibody Responses to Sand Fly Saliva. American Journal of Tropical Medicine and Hygiene, 2010, 82, 801-807.	0.6	57
22	Clinico-epidemiological study of oral squamous cell carcinoma: A tertiary care centre study in North India. Journal of Oral Biology and Craniofacial Research, 2016, 6, 32-35.	0.8	56
23	The X protein of hepatitis B virus binds to the F box protein Skp2 and inhibits the ubiquitination and proteasomal degradation of c-Myc. FEBS Letters, 2006, 580, 431-436.	1.3	53
24	Monocular Camera Based Fruit Counting and Mapping With Semantic Data Association. IEEE Robotics and Automation Letters, 2019, 4, 2296-2303.	3.3	52
25	Nitrile Metabolizing Enzymes in Biocatalysis and Biotransformation. Applied Biochemistry and Biotechnology, 2018, 185, 925-946.	1.4	51
26	Clinical outcome after UKA and HTO in ACL deficiency: a systematic review. Knee Surgery, Sports Traumatology, Arthroscopy, 2016, 24, 112-122.	2.3	47
27	Isolation and characterization of lactic acid bacteria from traditional pickles of Himachal Pradesh, India. Journal of Food Science and Technology, 2017, 54, 1945-1952.	1.4	47
28	Video Endoscopic Inguinal Lymphadenectomy (VEIL) -a prospective critical perioperative assessment of feasibility and morbidity with points of technique in penile carcinoma. World Journal of Surgical Oncology, 2013, 11, 42.	0.8	43
29	Realising graduate attributes in the research degree: the role of peer support groups. Teaching in Higher Education, 2014, 19, 616-629.	1.7	42
30	Biomarkers of Joint Damage in Osteoarthritis: Current Status and Future Directions. Mediators of Inflammation, 2021, 2021, 1-15.	1.4	42
31	Transgenic mouse models of hepatitis B virus-associated hepatocellular carcinoma. Reviews in Medical Virology, 2003, 13, 243-253.	3.9	40
32	Analysis of Ground Effect for Small-Scale UAVs in Forward Flight. IEEE Robotics and Automation Letters, 2019, 4, 3860-3867.	3.3	38
33	Acute Total Hip Arthroplasty in Acetabular Fractures in the Elderly Using the Octopus System. Journal of Arthroplasty, 2013, 28, 1005-1009.	1.5	36
34	Quantitative proteomics revealed novel proteins associated with molecular subtypes of breast cancer. Journal of Proteomics, 2016, 148, 183-193.	1.2	35
35	Metabolic fingerprinting in breast cancer stages through 1H NMR spectroscopy-based metabolomic analysis of plasma. Journal of Pharmaceutical and Biomedical Analysis, 2018, 160, 38-45.	1.4	35
36	Comparison of Different Sequences of Magnetic Resonance Imaging and Ultrasonography with Nerve Conduction Studies in Peripheral Neuropathies. World Neurosurgery, 2017, 108, 185-200.	0.7	33

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37	The "World of microRNAs in Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2015, 5, 68.	1.3	32
38	&lt;l&gt;Phlebotomus argentipes&lt;/l&gt; Seasonal Patterns in India and Nepal. <i>Journal of Medical Entomology</i> , 2010, 47, 283-286.	0.9	31
39	Specific inhibition of gene expression and transactivation functions of hepatitis B virus X protein and c-myc by small interfering RNAs. <i>FEBS Letters</i> , 2004, 560, 210-214.	1.3	30
40	Diverse culturable bacterial communities with cellulolytic potential revealed from pristine habitat in Indian trans-Himalaya. <i>Canadian Journal of Microbiology</i> , 2018, 64, 798-808.	0.8	30
41	Bioplastic reservoir of diverse bacterial communities revealed along altitude gradient of Pangi-Chamba trans-Himalayan region. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	30
42	IMU-Based Inertia Estimation for a Quadrotor Using Newton-Euler Dynamics. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 3861-3867.	3.3	30
43	Kinematics and Statics of Cooperative Multi-Robot Aerial Manipulation With Cables. , 2009, , .		29
44	Insecticide-treated bed nets in rural Bangladesh: their potential role in the visceral leishmaniasis elimination programme. <i>Tropical Medicine and International Health</i> , 2010, 15, 1382-1389.	1.0	29
45	Heparin-binding proteins of human seminal plasma: purification and characterization. <i>Molecular Reproduction and Development</i> , 2008, 75, 1767-1774.	1.0	28
46	MAVNet: An Effective Semantic Segmentation Micro-Network for MAV-Based Tasks. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 3908-3915.	3.3	28
47	The use of tranexamic acid to reduce blood loss in primary cementless total hip arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2011, 21, 101-104.	0.6	27
48	Examiners's reports on theses: Feedback or assessment?. <i>Journal of English for Academic Purposes</i> , 2011, 10, 211-222.	1.2	26
49	Autonomous Precision Pouring From Unknown Containers. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 2317-2324.	3.3	26
50	Do Human Papilloma Viruses Play Any Role in Oral Squamous Cell Carcinoma in North Indians?. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 7077-7084.	0.5	26
51	Association of genetic variants of cancer stem cell gene CD44 haplotypes with gallbladder cancer susceptibility in North Indian population. <i>Tumor Biology</i> , 2014, 35, 2583-2589.	0.8	25
52	Incidentally Detected Gallbladder Cancer- The Controversies and Algorithmic Approach to Management. <i>Indian Journal of Surgery</i> , 2012, 74, 248-254.	0.2	24
53	Comparison of outcomes after UKA in patients with and without chondrocalcinosis: a matched cohort study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 319-324.	2.3	24
54	Peer facilitated writing groups: a programmatic approach to doctoral student writing. <i>Teaching in Higher Education</i> , 2018, 23, 360-373.	1.7	24

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55	Design and Control of Aerial Modules for Inflight Self-Disassembly. IEEE Robotics and Automation Letters, 2019, 4, 3410-3417.	3.3	24
56	Prognostic Value of Cancer Stem Cell Markers in Potentially Malignant Disorders of Oral Mucosa: A Meta-analysis. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 144-153.	1.1	24
57	Interleukin-9 Facilitates Osteoclastogenesis in Rheumatoid Arthritis. International Journal of Molecular Sciences, 2021, 22, 10397.	1.8	24
58	An internal segment (residues 58-119) of the hepatitis B virus X protein is sufficient to activate MAP kinase pathways in mouse liver. FEBS Letters, 2001, 504, 59-64.	1.3	23
59	Association of Wnt signaling pathway genetic variants in gallbladder cancer susceptibility and survival. Tumor Biology, 2016, 37, 8083-8095.	0.8	23
60	Intensely clustered outbreak of visceral leishmaniasis (kala-azar) in a setting of seasonal migration in a village of Bihar, India. BMC Infectious Diseases, 2020, 20, 10.	1.3	23
61	A Review of Multi Agent Perimeter Defense Games. Lecture Notes in Computer Science, 2020, , 472-485.	1.0	23
62	Comparative analysis of epidermal growth factor receptor mRNA levels in normal, benign hyperplastic and carcinomatous prostate. Cancer Letters, 1998, 134, 177-180.	3.2	22
63	Bcl-xL Blocks Activation of Related Adhesion Focal Tyrosine Kinase/Proline-rich Tyrosine Kinase 2 and Stress-activated Protein Kinase/c-Jun N-terminal Protein Kinase in the Cellular Response to Methylmethane Sulfonate. Journal of Biological Chemistry, 1999, 274, 8618-8623.	1.6	22
64	Study of house-level risk factors associated in the transmission of Indian Kala-azar. Parasites and Vectors, 2010, 3, 94.	1.0	22
65	Association of TNF- $\alpha$ (-238 and -308) promoter polymorphisms with susceptibility of oral squamous cell carcinoma in North Indian population. Cancer Biomarkers, 2015, 15, 125-131.	0.8	22
66	Superior patient satisfaction in medial pivot as compared to posterior stabilized total knee arthroplasty: a prospective randomized study. Knee Surgery, Sports Traumatology, Arthroscopy, 2021, 29, 3633-3640.	2.3	22
67	ROS-NetSim: A Framework for the Integration of Robotic and Network Simulators. IEEE Robotics and Automation Letters, 2021, 6, 1120-1127.	3.3	22
68	Genomic insights revealed physiological diversity and industrial potential for Glaciimonas sp. PCH181 isolated from Satrundi glacier in Pangli-Chamba Himalaya. Genomics, 2020, 112, 637-646.	1.3	21
69	Emerging Trends in Metalloid-Dependent Signaling in Plants. Trends in Plant Science, 2021, 26, 452-471.	4.3	21
70	Any Way You Look at It: Semantic Crossview Localization and Mapping With LiDAR. IEEE Robotics and Automation Letters, 2021, 6, 2397-2404.	3.3	21
71	Immunological aspects of corneal transplant. Immunological Investigations, 2014, 43, 888-901.	1.0	20
72	Association of cancer stem cell markers genetic variants with gallbladder cancer susceptibility, prognosis, and survival. Tumor Biology, 2016, 37, 1835-1844.	0.8	20

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73	p16 and p53 in HPV-positive versus HPV-negative oral squamous cell carcinoma: do pathways differ?. <i>Journal of Oral Pathology and Medicine</i> , 2017, 46, 744-751.	1.4	20
74	Postgraduate conception of research methodology: implications for learning and teaching. <i>International Journal of Research and Method in Education</i> , 2018, 41, 220-236.	1.1	20
75	Reliability and psychometric validity of Hindi version of Depression, Anxiety and Stress Scale-21 (DASS-21) for Hindi speaking Head Neck Cancer and Oral Potentially Malignant Disorders Patients. <i>Journal of Cancer Research and Therapeutics</i> , 2019, 15, 653-658.	0.3	20
76	Design Guarantees for Resilient Robot Formations on Lattices. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 89-96.	3.3	19
77	Validation of the Brandwein Gensler Risk Model in Patients of Oral Cavity Squamous Cell Carcinoma in North India. <i>Head and Neck Pathology</i> , 2020, 14, 616-622.	1.3	19
78	Combination of Nonsurgical Endodontic and Vital Pulp Therapy for Management of Mature Permanent Mandibular Molar Teeth with Symptomatic Irreversible Pulpitis and Apical Periodontitis. <i>Journal of Endodontics</i> , 2021, 47, 374-381.	1.4	19
79	Giant cell tumor of the patella and its management using a patella, patellar tendon, and tibial tubercle allograft. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2010, 18, 167-169.	2.3	18
80	Association of Potentially Functional Genetic Variants of PLCE1 with Gallbladder Cancer Susceptibility in North Indian Population. <i>Journal of Gastrointestinal Cancer</i> , 2013, 44, 436-443.	0.6	18
81	A Randomized Controlled Study to Compare the Total and Hidden Blood Loss in Computer-Assisted Surgery and Conventional Surgical Technique of Total Knee Replacement. <i>Clinics in Orthopedic Surgery</i> , 2015, 7, 211.	0.8	18
82	Association of interleukin-6 genetic polymorphisms with risk of OSCC in Indian population. <i>Meta Gene</i> , 2015, 4, 142-151.	0.3	18
83	Comparative analysis of dual-phase 18F-fluoride PET/CT and three phase bone scintigraphy in the evaluation of septic (or painful) hip prostheses: A prospective study. <i>Journal of Orthopaedic Science</i> , 2016, 21, 205-210.	0.5	18
84	Nanoliter Fluid Handling for Microbiology Via Levitated Magnetic Microrobots. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 997-1004.	3.3	18
85	Pseudoaneurysm of the superior lateral genicular artery: case report of a rare complication after total knee arthroplasty. <i>Patient Safety in Surgery</i> , 2013, 7, 15.	1.1	17
86	Total hip replacement for arthritis following tuberculosis of hip. <i>World Journal of Orthopedics</i> , 2015, 6, 636.	0.8	17
87	Autoantibodies against TYMS and PDLIM1 proteins detected as circulatory signatures in Indian breast cancer patients. <i>Proteomics - Clinical Applications</i> , 2016, 10, 564-573.	0.8	17
88	Excellence in doctoral supervision: an examination of authoritative sources across four countries in search of performance higher than competence. <i>Quality in Higher Education</i> , 2016, 22, 64-77.	0.6	17
89	Expression of GLUT-1 in oral squamous cell carcinoma in tobacco and non-tobacco users. <i>Journal of Oral Biology and Craniofacial Research</i> , 2016, 6, 25-31.	0.8	17
90	Inertial Yaw-Independent Velocity and Attitude Estimation for High-Speed Quadrotor Flight. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 1109-1116.	3.3	17

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91	A carboxy-terminal region of the hepatitis B virus X protein promotes DNA interaction of CREB and mimics the native protein for transactivation function. <i>Virus Genes</i> , 2003, 26, 227-238.	0.7	16
92	Strategy for sensitive and specific detection of molecular forms of PSA based on 2DE and kinetic analysis: A step towards diagnosis of prostate cancer. <i>Clinica Chimica Acta</i> , 2009, 403, 17-22.	0.5	16
93	Transformation of <i>p</i> -hydroxybenzoinitrile to <i>p</i> -hydroxybenzoic acid using nitrilase activity of <i>Gordonia terrae</i> . <i>Biocatalysis and Biotransformation</i> , 2013, 31, 42-48.	1.1	16
94	A Prospective Randomized Study to Compare Systemic Emboli Using the Computer-Assisted and Conventional Techniques of Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 889-894.	1.4	16
95	Potential clinical implication of <sup>18</sup> F-FDG PET/CT in diagnosis of periprosthetic infection and its comparison with <sup>18</sup> F-Fluoride PET/CT. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016, 60, 315-322.	0.9	16
96	Enzymes of aldoxime nitrile pathway for organic synthesis. <i>Reviews in Environmental Science and Biotechnology</i> , 2018, 17, 229-239.	3.9	16
97	Effect of untreated bed nets on blood-fed <i>Phlebotomus argentipes</i> in kala-azar endemic foci in Nepal and India. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 1183-1186.	0.8	15
98	Localization of kala-azar in the endemic region of Bihar, India based on land use/land cover assessment at different scales. <i>Geospatial Health</i> , 2012, 6, 177.	0.3	15
99	Hip Resurfacing Arthroplasty in Inflammatory Arthritis. <i>Journal of Arthroplasty</i> , 2012, 27, 15-20.	1.5	15
100	Evaluation of miR-27a, miR-181a, and miR-570 Genetic Variants with Gallbladder Cancer Susceptibility and Treatment Outcome in a North Indian Population. <i>Molecular Diagnosis and Therapy</i> , 2015, 19, 317-327.	1.6	15
101	Association of Genetic Polymorphism in the Interleukin-8 Gene with Risk of Oral Cancer and Its Correlation with Pain. <i>Biochemical Genetics</i> , 2016, 54, 95-106.	0.8	15
102	Epidemiological Study of Gallbladder Cancer Patients from North Indian Gangetic Planes a High-Volume Centre's Experience. <i>Journal of Gastrointestinal Cancer</i> , 2016, 47, 27-35.	0.6	15
103	Evaluation of running knotless barbed suture for capsular closure in primary total knee arthroplasty for osteoarthritis a prospective randomized study. <i>International Orthopaedics</i> , 2017, 41, 2061-2066.	0.9	15
104	Impact of COVID-19 pandemic on cancer surgery: Patient's perspective. <i>Journal of Surgical Oncology</i> , 2021, 123, 1188-1198.	0.8	15
105	Deep learning for categorization of endodontic lesion based on radiographic periapical index scoring system. <i>Clinical Oral Investigations</i> , 2022, 26, 651-658.	1.4	15
106	COVID-19 Vaccine and Male Fertility. <i>Urology Journal</i> , 2021, , .	0.3	15
107	Does Harvey-Ras gene expression lead to oral squamous cell carcinoma? A clinicopathological aspect. <i>Journal of Oral and Maxillofacial Pathology</i> , 2018, 22, 65.	0.3	15
108	The conserved amino-terminal region (amino acids 1-20) of the hepatitis B virus X protein shows a transrepression function. <i>Virus Research</i> , 2004, 105, 157-165.	1.1	14

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109	Receptor dependent immobilization of spermatozoa by sperm immobilization factor isolated from <i>Escherichia coli</i> : Proof of evidence. <i>International Journal of Urology</i> , 2011, 18, 597-603.	0.5	14
110	Optimization of medium parameters by response surface methodology (RSM) for enhanced production of cutinase from <i>Aspergillus</i> sp. <i>3 Biotech</i> , 2016, 6, 149.	1.1	14
111	Cadmium-induced changes in vacuolar aspects of <i>Arabidopsis thaliana</i> . <i>Plant Physiology and Biochemistry</i> , 2017, 114, 29-37.	2.8	14
112	Multiple Idiopathic Cervical Root Resorptions in Patients with Hepatitis B Virus Infection. <i>Journal of Endodontics</i> , 2018, 44, 1575-1577.	1.4	14
113	Response to Pulp Sensibility Tests after Full Pulpotomy in Permanent Mandibular Teeth with Symptomatic Irreversible Pulpitis: A Retrospective Data Analysis. <i>Journal of Endodontics</i> , 2022, 48, 80-86.	1.4	14
114	GSK $\beta$ -dependent destabilization of cyclin D1 mediates replicational stress-induced arrest of cell cycle. <i>FEBS Letters</i> , 2008, 582, 1111-1116.	1.3	13
115	Comparison of Total Knee Arthroplasty in Stiff Knees and Knees with Good Preoperative Range of Motion. <i>Journal of Knee Surgery</i> , 2009, 22, 305-309.	0.9	13
116	Packed bed reactor for degradation of simulated cyanide-containing wastewater. <i>3 Biotech</i> , 2015, 5, 641-646.	1.1	13
117	Biotransformation of 4-hydroxyphenylacetonitrile to 4-hydroxyphenylacetic acid using whole cell arylacetonitrilase of <i>Alcaligenes faecalis</i> MTCC 12629. <i>Process Biochemistry</i> , 2018, 73, 117-123.	1.8	13
118	Germ Cell Tumor Ovary: an Institutional Experience of Treatment and Survival Outcomes. <i>Indian Journal of Surgical Oncology</i> , 2018, 9, 215-219.	0.3	13
119	A prospective randomized study comparing navigation versus conventional total knee arthroplasty. <i>Journal of Orthopaedic Surgery</i> , 2019, 27, 230949901984807.	0.4	13
120	Association between the Mesio Buccal Canal Configuration, Interorifice Distance, and the Corresponding Root Length of Permanent Maxillary First Molar Tooth: A Cone-beam Computed Tomographic Study. <i>Journal of Endodontics</i> , 2021, 47, 39-43.	1.4	13
121	Continuing cancer surgery through the first six months of the COVID-19 pandemic at an academic university hospital in India: A lower-middle-income country experience. <i>Journal of Surgical Oncology</i> , 2021, 123, 1177-1187.	0.8	13
122	Influence of occlusal and proximal caries on the outcome of full pulpotomy in permanent mandibular molar teeth with partial irreversible pulpitis: A prospective study. <i>International Endodontic Journal</i> , 2021, 54, 1699-1707.	2.3	13
123	Differential Expression of c-fos Proto-Oncogene in Normal Oral Mucosa versus Squamous Cell Carcinoma. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 867-874.	0.5	13
124	Challenges and Opportunities for Autonomous Micro-UAVs in Precision Agriculture. <i>IEEE Micro</i> , 2022, 42, 61-68.	1.8	13
125	Green bioprocess for degradation of synthetic dyes mixture using consortium of laccase-producing bacteria from Himalayan niches. <i>Journal of Environmental Management</i> , 2022, 310, 114764.	3.8	13
126	B cell responses to a peptide epitope. II: Multiple levels of selection during maturation of primary responses. <i>Immunology and Cell Biology</i> , 1997, 75, 245-252.	1.0	12



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127	A Monoclonal Antibody Against the X Protein of Hepatitis B Virus: Fine Mapping of its Epitope and Application in a Quantitative ELISA of the X Protein in Sera of Hepatitis B Patients. <i>Hybridoma</i> , 1998, 17, 157-164.	0.9	12
128	A comparative analysis between fixed bearing total knee arthroplasty (PFC Sigma) and rotating platform total knee arthroplasty (PFC-RP) with minimum 3-year follow-up. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012, 132, 875-881.	1.3	12
129	Effects of interleukin-18 promoter (C607A and G137C) gene polymorphisms and their association with oral squamous cell carcinoma (OSCC) in northern India. <i>Tumor Biology</i> , 2014, 35, 12275-12284.	0.8	12
130	Spatio-Temporally Smooth Local Mapping and State Estimation Inside Generalized Cylinders With Micro Aerial Vehicles. <i>IEEE Robotics and Automation Letters</i> , 2018, 3, 4209-4216.	3.3	12
131	&lt;p&gt;Mitochondrial Stressâ€“Mediated Targeting of Quiescent Cancer Stem Cells in Oral Squamous Cell Carcinoma&lt;/p&gt;. <i>Cancer Management and Research</i> , 2020, Volume 12, 4519-4530.	0.9	12
132	Experimental Evaluation and Characterization of Radioactive Source Effects on Robot Visual Localization and Mapping. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 3259-3266.	3.3	12
133	Need for alternatives to animals in experimentation: An Indian perspective. <i>Indian Journal of Medical Research</i> , 2019, 149, 584.	0.4	12
134	Femoral allograft in the management of osseous hydatidosis presenting as femoral shaft non-union. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009, 129, 1627-1632.	1.3	11
135	Genetic polymorphism of interleukin-10 (-A592C) among oral cancer with squamous cell carcinoma. <i>Archives of Oral Biology</i> , 2017, 77, 18-22.	0.8	11
136	Palliative dental care: Ignored dimension of dentistry amidst COVIDâ€™19 pandemic. <i>Special Care in Dentistry</i> , 2020, 40, 613-615.	0.4	11
137	Coronal Alignment of the Lower Extremity: A Gender-Based Radio-Graphic Analysis in Indian Patients. <i>Indian Journal of Orthopaedics</i> , 2020, 54, 504-512.	0.5	11
138	Genomic Insights Driven Statistical Optimization for Production of Efficient Cellulase by Himalayan Thermophilic <i>Bacillus</i> sp. PCH94 Using Agricultural Waste. <i>Waste and Biomass Valorization</i> , 2021, 12, 6917-6929.	1.8	11
139	Mineral trioxide aggregate pulpotomy: An ideal treatment option for management of talon cusp. <i>Contemporary Clinical Dentistry</i> , 2012, 3, 491.	0.2	11
140	Role of serum HE4 as a prognostic marker in carcinoma of the ovary. <i>Indian Journal of Cancer</i> , 2019, 56, 216.	0.2	11
141	Dual massive skeletal allograft in revision total knee arthroplasty. <i>Indian Journal of Orthopaedics</i> , 2011, 45, 368.	0.5	10
142	Femoral head-neck offset in the Indian population: A CT based study. <i>Indian Journal of Orthopaedics</i> , 2012, 46, 212-215.	0.5	10
143	Trabecular metal acetabular revision system (cup-cage construct) to address the massive acetabular defects in revision arthroplasty. <i>Indian Journal of Orthopaedics</i> , 2012, 46, 483-486.	0.5	10
144	Association of genetic variants of xenobiotic and estrogen metabolism pathway (CYP1A1 and CYP1B1) with gallbladder cancer susceptibility. <i>Tumor Biology</i> , 2014, 35, 5431-5439.	0.8	10

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145	Bench scale synthesis of p-hydroxybenzoic acid using whole-cell nitrilase of <i>Gordonia terrae</i> mutant E9. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 1267-1279.	1.7	10
146	Reframing doctoral examination as teaching. <i>Innovations in Education and Teaching International</i> , 2018, 55, 219-227.	1.5	10
147	A radiographic analysis of alignment in 966 lower extremities with knee pain and its association with osteoarthritis in Indian population. <i>Journal of Orthopaedics</i> , 2020, 20, 207-212.	0.6	10
148	Self-Reconfiguration in Response to Faults in Modular Aerial Systems. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 2522-2529.	3.3	10
149	Dynamically Feasible Task Space Planning for Underactuated Aerial Manipulators. <i>IEEE Robotics and Automation Letters</i> , 2021, 6, 3232-3239.	3.3	10
150	Decentralized Goal Assignment and Safe Trajectory Generation in Multirobot Networks via Multiple Lyapunov Functions. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 3365-3380.	3.6	9
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