

# M Sathish

## List of Publications by Year in descending order

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Version: 2024-02-01

118  
papers

4,669  
citations

471061

17  
h-index

106150

65  
g-index

127  
all docs

127  
docs citations

127  
times ranked

6780  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mortality and pulmonary complications in patients undergoing surgery with perioperative SARS-CoV-2 infection: an international cohort study. <i>Lancet, The</i> , 2020, 396, 27-38.	6.3	1,314
2	Elective surgery cancellations due to the COVID-19 pandemic: global predictive modelling to inform surgical recovery plans. <i>British Journal of Surgery</i> , 2020, 107, 1440-1449.	0.1	931
3	Global guidance for surgical care during the COVID-19 pandemic. <i>British Journal of Surgery</i> , 2020, 107, 1097-1103.	0.1	526
4	Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. <i>Anaesthesia</i> , 2021, 76, 748-758.	1.8	365
5	SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. <i>British Journal of Surgery</i> , 2021, 108, 1056-1063.	0.1	321
6	Elective Cancer Surgery in COVID-19 "Free Surgical Pathways During the SARS-CoV-2 Pandemic: An International, Multicenter, Comparative Cohort Study. <i>Journal of Clinical Oncology</i> , 2021, 39, 66-78.	0.8	165
7	Delaying surgery for patients with a previous SARS-CoV-2 infection. <i>British Journal of Surgery</i> , 2020, 107, e601-e602.	0.1	96
8	Evidence of Coronavirus (CoV) Pathogenesis and Emerging Pathogen SARS-CoV-2 in the Nervous System: A Review on Neurological Impairments and Manifestations. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 2192-2209.	1.1	89
9	SARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study. <i>Anaesthesia</i> , 2022, 77, 28-39.	1.8	82
10	Exosomal therapy "a new frontier in regenerative medicine. <i>Stem Cell Investigation</i> , 2021, 8, 7-7.	1.3	55
11	Preoperative nasopharyngeal swab testing and postoperative pulmonary complications in patients undergoing elective surgery during the SARS-CoV-2 pandemic. <i>British Journal of Surgery</i> , 2021, 108, 88-96.	0.1	45
12	Projecting COVID-19 disruption to elective surgery. <i>Lancet, The</i> , 2022, 399, 233-234.	6.3	45
13	Effects of preoperative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study. <i>Anaesthesia</i> , 2021, 76, 1454-1464.	1.8	40
14	Does the Source of Mesenchymal Stem Cell Have an Effect in the Management of Osteoarthritis of the Knee? Meta-Analysis of Randomized Controlled Trials. <i>Cartilage</i> , 2021, 13, 1532S-1547S.	1.4	38
15	Is Endoscopic Discectomy the Next Gold Standard in the Management of Lumbar Disc Disease? Systematic Review and Superiority Analysis. <i>Global Spine Journal</i> , 2021, 11, 1104-1120.	1.2	32
16	Current evidence on mesenchymal stem cell therapy for traumatic spinal cord injury: systematic review and meta-analysis. <i>Cytotherapy</i> , 2021, 23, 186-197.	0.3	30
17	Machine learning risk prediction of mortality for patients undergoing surgery with perioperative SARS-CoV-2: the COVIDSurg mortality score. <i>British Journal of Surgery</i> , 2021, 108, 1274-1292.	0.1	30
18	Risk "benefit analysis of wound drain usage in spine surgery: a systematic review and meta-analysis with evidence summary. <i>European Spine Journal</i> , 2020, 29, 2111-2128.	1.0	18

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19	Nanofat: A therapeutic paradigm in regenerative medicine. World Journal of Stem Cells, 2021, 13, 1733-1746.	1.3	17
20	Mesenchymal Stem Cell-Derived Exosomes: A Potential Therapeutic Avenue in Knee Osteoarthritis. Cartilage, 2021, 13, 1572S-1585S.	1.4	16
21	UK Head and neck cancer surgical capacity during the second wave of the COVID-19 pandemic: Have we learned the lessons? COVIDSurg collaborative. Clinical Otolaryngology, 2021, 46, 729-735.	0.6	16
22	Fragility Analysis of Statistically Significant Outcomes of Randomized Control Trials in Spine Surgery. Spine, 2021, 46, 198-208.	1.0	16
23	Translational products of adipose tissue-derived mesenchymal stem cells: Bench to bedside applications. World Journal of Stem Cells, 2021, 13, 1360-1381.	1.3	16
24	COVID-19-related absence among surgeons: development of an international surgical workforce prediction model. BJS Open, 2021, 5, .	0.7	16
25	The Association between Gut Microbiota and Osteoarthritis: Does the Disease Begin in the Gut?. International Journal of Molecular Sciences, 2022, 23, 1494.	1.8	16
26	Current Understanding of Novel Coronavirus: Molecular Pathogenesis, Diagnosis, and Treatment Approaches. Immuno, 2021, 1, 30-66.	0.6	15
27	Accentuating the sources of mesenchymal stem cells as cellular therapy for osteoarthritis knees—a panoramic review. Stem Cell Investigation, 2021, 8, 13-13.	1.3	14
28	Placenta-derived mesenchymal stem cells (P-MSCs) for COVID-19 pneumonia—a regenerative dogma. Stem Cell Investigation, 2021, 8, 3-3.	1.3	13
29	Does the Intradiscal Injection of Platelet Rich Plasma Have Any Beneficial Role in the Management of Lumbar Disc Disease?. Global Spine Journal, 2022, 12, 503-514.	1.2	13
30	Current understanding of MSC-derived exosomes in the management of knee osteoarthritis. Experimental Cell Research, 2022, 418, 113274.	1.2	13
31	Should we be re-starting elective surgery?. Anaesthesia, 2020, 75, 1563-1565.	1.8	12
32	Comparative analysis of leucocyte poor vs leucocyte rich platelet-rich plasma in the management of lateral epicondylitis: Systematic review & meta-analysis of randomised controlled trials. Journal of Clinical Orthopaedics and Trauma, 2021, 19, 96-107.	0.6	12
33	Systematic Reviews and Meta-Analysis in Spine Surgery—How Good Are They in Methodological Quality? A Systematic Review. Global Spine Journal, 2021, 11, 378-399.	1.2	12
34	Advancing Regenerative Cellular Therapies in Non-Scarring Alopecia. Pharmaceuticals, 2022, 14, 612.	2.0	12
35	Autologous bone marrow derived mesenchymal stem cell therapy for osteonecrosis of femoral head: A systematic overview of overlapping meta-analyses. Journal of Clinical Orthopaedics and Trauma, 2021, 13, 134-142.	0.6	10
36	Platelet-rich plasma therapy ensures pain reduction in the management of lateral epicondylitis—a PRISMA-compliant network meta-analysis of randomized controlled trials. Expert Opinion on Biological Therapy, 2022, 22, 535-546.	1.4	10

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37	Bracing NK cell based therapy to relegate pulmonary inflammation in COVID-19. <i>Heliyon</i> , 2021, 7, e07635.	1.4	9
38	Neuroprotection by dipeptidyl-peptidase-4 inhibitors and glucagon-like peptide-1 analogs <i>via</i> the modulation of AKT-signaling pathway in Alzheimerâ€™s disease. <i>World Journal of Biological Chemistry</i> , 2021, 12, 104-113.	1.7	9
39	Evolution of Mesenchymal Stem Cell Therapy as an Advanced Therapeutic Medicinal Product (ATMP)â€”An Indian Perspective. <i>Bioengineering</i> , 2022, 9, 111.	1.6	9
40	Comparative analysis of functional outcome of anatomical precontoured locking plate versus reconstruction plate in the management of displaced midshaft clavicular fractures. <i>Journal of Orthopaedic Surgery</i> , 2019, 27, 230949901882035.	0.4	8
41	Osteogenic and Chondrogenic Potential of Periosteum-Derived Mesenchymal Stromal Cells: Do They Hold the Key to the Future?. <i>Pharmaceuticals</i> , 2021, 14, 1133.	1.7	8
42	Immunomodulatory Actions of Mesenchymal Stromal Cells (MSCs) in Osteoarthritis of the Knee. <i>Osteology</i> , 2021, 1, 209-224.	0.3	8
43	Outcomes after perioperative SARS-CoV-2 infection in patients with proximal femoral fractures: an international cohort study. <i>BMJ Open</i> , 2021, 11, e050830.	0.8	8
44	Impact of the Process Variables on the Yield of Mesenchymal Stromal Cells from Bone Marrow Aspirate Concentrate. <i>Bioengineering</i> , 2022, 9, 57.	1.6	8
45	Is Use of Topical Vancomycin in Pediatric Spine Surgeries a Safe Option in the Prevention of Surgical Site Infections? A Meta-analysis and Systematic Review of the Literature. <i>Global Spine Journal</i> , 2021, 11, 774-781.	1.2	7
46	Incidence and severity of SARS-CoV-2 virus post COVID-19 vaccination: A cross-sectional study in India. <i>Clinical Epidemiology and Global Health</i> , 2022, 14, 100983.	0.9	7
47	Synovium Derived Mesenchymal Stromal Cells (Sy-MSCs): A Promising Therapeutic Paradigm in the Management of Knee Osteoarthritis. <i>Indian Journal of Orthopaedics</i> , 2022, 56, 1-15.	0.5	6
48	How Safe Is Unilateral Pedicle Screw Fixation in Lumbar Fusion Surgery for Management of 2-Level Lumbar Degenerative Disorders Compared with Bilateral Pedicle Screw Fixation? Meta-analysis of Randomized Controlled Trials. <i>World Neurosurgery</i> , 2020, 140, 357-368.	0.7	6
49	What is the clinically significant ideal mesenchymal stromal cell count in the management of osteoarthritis of the knee? â€” Meta-analysis of randomized controlled trials. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2022, 25, 101744.	0.6	6
50	Is Culture Expansion Necessary in Autologous Mesenchymal Stromal Cell Therapy to Obtain Superior Results in the Management of Knee Osteoarthritis?â€”Meta-Analysis of Randomized Controlled Trials. <i>Bioengineering</i> , 2021, 8, 220.	1.6	6
51	Pandemic response protocol of a non-frontline specialty in a multispecialty tertiary health care centreâ€”a pilot model in orthopaedics. <i>International Orthopaedics</i> , 2020, 44, 1481-1487.	0.9	5
52	Platelet lysate for COVID-19 pneumoniaâ€”a newer adjunctive therapeutic avenue. <i>Stem Cell Investigation</i> , 2021, 8, 11-11.	1.3	5
53	Lineage Differentiation Potential of Different Sources of Mesenchymal Stem Cells for Osteoarthritis Knee. <i>Pharmaceuticals</i> , 2022, 15, 386.	1.7	5
54	â€œOnly 50% of randomized trials have high level of confidence in arthroscopy and sports medicineâ€”a spin-based assessment. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 2789-2798.	2.3	4

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55	Thematic trend mapping and hotspot analysis in bone marrow aspirate concentrate therapy: A scientometric literature analysis and advances in osteoarthritis. <i>Cytherapy</i> , 2022, , .	0.3	4
56	Regarding “Analyzing Spin in Abstracts of Orthopaedic Randomized Controlled Trials With Statistically Insignificant Primary Endpoints” Arthroscopy - <i>Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 13-14.	1.3	3
57	“Platelet-rich plasma holds promise in management of rheumatoid arthritis” systematic review. <i>Rheumatology International</i> , 2021, 41, 1895-1903.	1.5	3
58	Is Platelet-Rich Plasma Effective in Enhancing Spinal Fusion? Systematic Overview of Overlapping Meta-Analyses. <i>Global Spine Journal</i> , 2022, 12, 333-342.	1.2	3
59	Where Do We Stand in Stem Cell Therapy for the Management of Diabetes Mellitus? “A Scientometric Research Trend Analysis from 1990 to 2020. <i>Bioengineering</i> , 2021, 8, 159.	1.6	3
60	How do I: Evaluate the safety and legitimacy of unproven cellular therapies?. <i>Transfusion</i> , 2022, 62, 518-532.	0.8	3
61	Application of Orthobiologics in Achilles Tendinopathy: A Review. <i>Life</i> , 2022, 12, 399.	1.1	3
62	Radiation-Free Management of Lumbar Spine Burst Fractures in Pregnant Women. <i>JBJS Case Connector</i> , 2019, 9, e0294-e0294.	0.1	2
63	Autologous bone marrow aspirate concentrate (BMAC) for treatment of keratocystic odontogenic tumour (KCOT) – a case report. <i>Stem Cell Investigation</i> , 2021, 8, 16-16.	1.3	2
64	Chondrogenic Potential of Dental-Derived Mesenchymal Stromal Cells. <i>Osteology</i> , 2021, 1, 149-174.	0.3	2
65	Analysis of Reference Practices among Practicing Orthopaedicians in India. <i>Indian Journal of Orthopaedics</i> , 2021, 55, 869-878.	0.5	2
66	Does leucocyte concentration have a role in the outcome of PRP therapy for lateral epicondylitis – A randomized controlled trial. <i>IP International Journal of Orthopaedic Rheumatology</i> , 2021, 6, 84-87.	0.1	2
67	Functional results of judet’s quadricepsplasty in the management of fixed flexion deformity of knee. <i>International Journal of Orthopaedics Sciences</i> , 2019, 5, 468-471.	0.0	2
68	Past, Present and Future of Arthroscopic Research: A Scientometric Analysis of Research Frontiers in Arthroscopy. <i>Indian Journal of Orthopaedics</i> , 2022, 56, 521-532.	0.5	2
69	Evidence analysis on the utilization of platelet-rich plasma as an adjuvant in the repair of rotator cuff tears. <i>World Journal of Meta-analysis</i> , 2022, 10, 143-161.	0.1	2
70	Indian Paradigm of Orthopedic Care in Post-COVID-19 Era. <i>Journal of Orthopaedic Case Reports</i> , 2021, 11, 110-116.	0.1	1
71	When surgeons wanted to go beyond their scalpels! – The philosophy of orthopaedic rheumatology. <i>IP International Journal of Orthopaedic Rheumatology</i> , 2021, 7, 1-2.	0.1	1
72	Sudden painless loss of vision following spine surgery: lessons learnt in darkness. <i>BMJ Case Reports</i> , 2021, 14, e235888.	0.2	1

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73	Secondary Erosive Arthritis in a Young Lady – A Rare Manifestation of Primary Antiphospholipid Antibody Syndrome. <i>Journal of Orthopaedic Case Reports</i> , 2021, 11, 15-18.	0.1	1
74	Short term outcome analysis of proximal tibia fractures treated with minimally invasive plate osteosynthesis. <i>International Journal of Orthopaedics Sciences</i> , 2018, 4, 893-898.	0.0	1
75	Outcome analysis of management of recurrent shoulder dislocation by Latarjet procedure. <i>International Journal of Orthopaedics Sciences</i> , 2018, 4, 82-86.	0.0	1
76	Analysis of Efficacy of Tranexamic Acid in Reduction of Blood Loss and Postoperative Blood Transfusions Following Orthopedic Trauma Surgery. <i>Journal of Orthopedics and Joint Surgery</i> , 2019, 1, 27-30.	0.1	1
77	Diagnosis and Literature Review of Chondromyxoid Fibroma - A Pathological Puzzle. <i>Journal of Orthopaedic Case Reports</i> , 2019, 9, 101-105.	0.1	1
78	Hemi-Fibular Grafting for Metacarpal Giant Cell Tumor - Surgical Technique. <i>Journal of Orthopaedic Case Reports</i> , 2020, 10, 80-84.	0.1	1
79	Role of stem cell therapy in neurosciences. , 2022, , 163-179.		1
80	Remission is not maintained over 2 years with hematopoietic stem cell transplantation for rheumatoid arthritis: A systematic review with meta-analysis. <i>World Journal of Biological Chemistry</i> , 2021, 12, 114-130.	1.7	1
81	Nanofat: A therapeutic paradigm in regenerative medicine. <i>World Journal of Stem Cells</i> , 2021, 13, 1736-1749.	1.3	1
82	Does vehicle-based delivery of mesenchymal stromal cells give superior results in knee osteoarthritis? Meta-analysis of randomized controlled trials. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2022, 25, 101772.	0.6	1
83	Paediatric lumbar disc herniation presenting as pseudo flexion deformity of the hip and knee: A case report. , 2022, 1, 16-19.		1
84	Challenges in the clinical translation of exosomal therapy in regenerative medicine. <i>Regenerative Medicine</i> , 2022, 17, 193-197.	0.8	1
85	Multiple bone infarcts with intra-articular extension. <i>BMJ Case Reports</i> , 2022, 15, e249164.	0.2	1
86	Tubercular Osteomyelitis of Cuboid.. <i>Journal of Orthopaedic Case Reports</i> , 2021, 11, 5-10.	0.1	1
87	Analysis of Spin in RCTs of Spine Surgery Using ORG’s LOC Grading Tool. <i>Indian Journal of Orthopaedics</i> , 2022, 56, 1882-1890.	0.5	1
88	Letter to the Editor regarding –Application of Zero-profile Spacer in the Treatment of Three-level Cervical Spondylotic Myelopathy – 5 year Follow-up Results– by Sun et al. <i>Spine</i> , 2020, 45, E1055.	1.0	0
89	–Bone within bone appearance–™ in a pathological fracture. <i>BMJ Case Reports</i> , 2020, 13, e238567.	0.2	0
90	Surgical strategies in management of ankylosed bilateral hips and knees in crouched posture. <i>BMJ Case Reports</i> , 2020, 13, e236043.	0.2	0

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91	Adult Primary Tuberculosis of Lateral End of Clavicle – A Case of Missed Diagnosis. Journal of Orthopaedic Case Reports, 2021, 11, 87-90.	0.1	0
92	USG guided platelet rich plasma therapy for chronic resistant tendinopathies – Is it the next gold standard?. IP International Journal of Orthopaedic Rheumatology, 2021, 6, 71-75.	0.1	0
93	Necessity brought it back, Sophistication should make it stay!. IP International Journal of Orthopaedic Rheumatology, 2021, 6, 39-40.	0.1	0
94	Is platelet rich plasma superior to corticosteroid injection for recalcitrant plantar fasciitis? Results of a prospective comparative study. IP International Journal of Orthopaedic Rheumatology, 2021, 6, 58-61.	0.1	0
95	Holistic Approach in the Management of Skeletal Deformity in a Case of Homocystinuria. Journal of Orthopaedic Case Reports, 2021, 11, 1-5.	0.1	0
96	Primary Angiosarcoma of Humerus – A Case Report and Literature Review. Journal of Orthopaedic Case Reports, 2021, 11, 12-17.	0.1	0
97	A Step Toward Optimizing Regenerative Medicine Principle to Combat COVID-19. Annals of the National Academy of Medical Sciences (India), 2021, 57, 202-213.	0.2	0
98	4th Biennial International ISCSGCON 2021, AIIMS Raipur/. IP International Journal of Orthopaedic Rheumatology, 2021, 7, 53-57.	0.1	0
99	Total Stromal Fraction (TSF) - Fortified Adipose tissue-derived Stem Cells Source: An Emerging Regenerative Realm Against COVID-19 Induced Pulmonary Compromise. Coronaviruses, 2021, 02, .	0.2	0
100	Orthopaedic rheumatology strategic recommendations and practice principles in SARS-CoV-2 Era. IP International Journal of Orthopaedic Rheumatology, 2021, 6, 45-47.	0.1	0
101	Facet joint malorientation as a cause of disc degeneration and prolapse in cases with backache: A radiological analysis. International Journal of Orthopaedics Sciences, 2018, 4, 527-530.	0.0	0
102	Outcome analysis of interlocking nailing for tibial shaft fractures. International Journal of Orthopaedics Sciences, 2018, 4, 123-126.	0.0	0
103	Long term outcome analysis of fixed bearing total knee arthroplasty. International Journal of Orthopaedics Sciences, 2018, 4, 56-61.	0.0	0
104	Outcome analysis of management of tibial pilon fracture by medial locking compression plating. International Journal of Orthopaedics Sciences, 2019, 5, 481-486.	0.0	0
105	Wrist Arthrodesis in Rheumatoid Arthritis by Parallel K Wires and Ulna Autograft: A Case Report. Journal of Orthopedics and Joint Surgery, 2020, 2, 38-40.	0.1	0
106	How deep acetabular cup can be positioned from transverse acetabular ligament to have an ideal inclination?. International Journal of Orthopaedics Sciences, 2020, 6, 561-564.	0.0	0
107	Effectiveness of Pain Control Regimen with Local Infiltrative Analgesia for Total Knee Replacement: A Prospective, Double-blind, Randomized Controlled Trial. Journal of Orthopedics and Joint Surgery, 2020, 2, 22-25.	0.1	0
108	Recurrence-free management of type 2 variant of giant cell tumour of extensor tendon sheath of thumb. BMJ Case Reports, 2020, 13, e235762.	0.2	0

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109	TO THE EDITOR:. Spine, 2020, 45, E1707-E1708.	1.0	0
110	Trending Literature in Spinal Tuberculosis: Bibliographic Analysis of Top 250 Cited Articles. International Journal of Spine Surgery, 2020, 14, 838-846.	0.7	0
111	Bisphosphonate Therapy in the Management of Symptomatic Melorheostosis of Tibia. Journal of Orthopaedic Case Reports, 2021, 11, 103-106.	0.1	0
112	Trending Literature in Spinal Tuberculosis: Bibliographic Analysis of Top 250 Cited Articles. International Journal of Spine Surgery, 2020, 14, 838-846.	0.7	0
113	Stabilization does not guarantee neurological recovery but prevents deterioration in the management of AO type-B Sub axial cervical spine injuries: 15 years clinic-radiological outcome from a retrospective cohort analysis. International Journal of Orthopaedics Sciences, 2021, 7, 542-546.	0.0	0
114	Strategies in the management of femoral fractures in post-polio limb a retrospective analysis of 10 patients with 3-year follow-up. International Journal of Orthopaedics Sciences, 2022, 8, 186-189.	0.0	0
115	Methods of fusion did not have any significant role in improving the functional outcome in the management of grade 1,2 degenerative spondylolisthesis at 5-year follow-up. International Journal of Orthopaedics Sciences, 2022, 8, 164-166.	0.0	0
116	Isolated intramuscular Cysticercosis with a pseudo Volkmann's sign. , 2022, , .		0
117	Novel Multimodal Treatment Regimen for the Management of Primary Sacrococcygeal Cystic Echinococcosis.. Journal of Orthopaedic Case Reports, 2021, 11, 22-26.	0.1	0
118	Photoactivated platelet-rich plasma: is it the future of platelet-rich plasma?. Regenerative Medicine, 0, , .	0.8	0