

Kirill Gromov

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

2,512
citations

236925

25
h-index

214800

47
g-index

87
all docs

87
docs citations

87
times ranked

2666
citing authors

#	ARTICLE	IF	CITATIONS
1	Remodeling of cortical bone allografts mediated by adherent rAAV-RANKL and VEGF gene therapy. <i>Nature Medicine</i> , 2005, 11, 291-297.	30.7	258
2	What is the optimal alignment of the tibial and femoral components in knee arthroplasty?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 85, 480-487.	3.3	190
3	Acetabular cup position and risk of dislocation in primary total hip arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 88, 10-17.	3.3	163
4	Time to Surgery Is Associated with Thirty-Day and Ninety-Day Mortality After Proximal Femoral Fracture. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 1333-1339.	3.0	160
5	Quantitative mouse model of implant-associated osteomyelitis and the kinetics of microbial growth, osteolysis, and humoral immunity. <i>Journal of Orthopaedic Research</i> , 2008, 26, 96-105.	2.3	131
6	Feasibility of outpatient total hip and knee arthroplasty in unselected patients. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 88, 516-521.	3.3	117
7	Biological Effects of rAAV-caAlk2 Coating on Structural Allograft healing. <i>Molecular Therapy</i> , 2005, 12, 212-218.	8.2	93
8	Does the Risk Assessment and Prediction Tool Predict Discharge Disposition After Joint Replacement?. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 597-601.	1.5	87
9	Risk factors for post-operative periprosthetic fractures following primary total hip arthroplasty with a proximally coated double-tapered cementless femoral component. <i>Bone and Joint Journal</i> , 2017, 99-B, 451-457.	4.4	75
10	Complications and readmissions following outpatient total hip and knee arthroplasty: a prospective 2-center study with matched controls. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 90, 281-285.	3.3	64
11	Traditions and myths in hip and knee arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 85, 548-555.	3.3	61
12	Minimal important change values for the Oxford Knee Score and the Forgotten Joint Score at 1 year after total knee replacement. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 89, 541-547.	3.3	59
13	Does BMI influence hospital stay and morbidity after fast-track hip and knee arthroplasty?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 87, 466-472.	3.3	53
14	Time-driven Activity-based Cost of Fast-Track Total Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 1747-1755.	3.1	45
15	Acceptable Success Rate in Patients With Periprosthetic Knee Joint Infection Treated With Debridement, Antibiotics, and Implant Retention. <i>Journal of Arthroplasty</i> , 2019, 34, 365-368.	3.1	45
16	Time-driven activity-based cost of outpatient total hip and knee arthroplasty in different set-ups. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 89, 515-521.	3.3	44
17	Removal of restrictions following primary THA with posterolateral approach does not increase the risk of early dislocation. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 86, 463-468.	3.3	40
18	Persistent pain is common 1 year after ankle and wrist fracture surgery: a register-based questionnaire study. <i>British Journal of Anaesthesia</i> , 2016, 116, 655-661.	3.4	38

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19	Efficacy of colistin-impregnated beads to prevent multidrug-resistant <i>A. baumannii</i> implant-associated osteomyelitis. <i>Journal of Orthopaedic Research</i> , 2009, 27, 1008-1015.	2.3	32
20	Effects of antiresorptive agents on osteomyelitis. <i>Annals of the New York Academy of Sciences</i> , 2010, 1192, 84-94.	3.8	31
21	Iron deficiency and preoperative anaemia in patients scheduled for elective hip and knee arthroplasty – an observational study. <i>Vox Sanguinis</i> , 2018, 113, 260-267.	1.5	31
22	High-dose steroids in high pain responders undergoing total knee arthroplasty: a randomised double-blind trial. <i>British Journal of Anaesthesia</i> , 2022, 128, 150-158.	3.4	31
23	Osteosynthesis with Parallel Implants in the Treatment of Femoral Neck Fractures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1682-1690.	3.0	27
24	Patients report inferior quality of care for knee osteoarthritis prior to assessment for knee replacement surgery – a cross-sectional study of 517 patients in Denmark. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 91, 82-87.	3.3	27
25	Patient-acceptable symptom state for the Oxford Hip Score and Forgotten Joint Score at 3 months, 1 year, and 2 years following total hip arthroplasty: a registry-based study of 597 cases. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 91, 372-377.	3.3	27
26	Trabecular metal acetabular components in primary total hip arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 89, 259-264.	3.3	25
27	Do Rerevision Rates Differ After First-time Revision of Primary THA With a Cemented and Cementless Femoral Component?. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 3391-3398.	1.5	23
28	Which Oxford Knee Score level represents a satisfactory symptom state after undergoing a total knee replacement?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 85-90.	3.3	23
29	Does the Risk of Rerevision Vary Between Porous Tantalum Cups and Other Cementless Designs After Revision Hip Arthroplasty?. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 3015-3022.	1.5	22
30	Medial unicompartmental knee arthroplasty: increasingly uniform patient demographics despite differences in surgical volume and usage – a descriptive study of 8,501 cases from the Danish Knee Arthroplasty Registry. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 90, 354-359.	3.3	22
31	Low manipulation prevalence following fast-track total knee arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 86, 86-91.	3.3	21
32	Outpatient total hip or knee arthroplasty in ambulatory surgery center versus arthroplasty ward: a randomized controlled trial. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 91, 42-47.	3.3	21
33	Risk of reoperation within 12 months following osteosynthesis of a displaced femoral neck fracture is linked mainly to initial fracture displacement while risk of death may be linked to bone quality: a cohort study from Danish Fracture Database. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 91, 1-75.	3.3	21
34	Length of Stay and 90-Day Readmission/Complication Rates in Unicompartmental Versus Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1063-1071.	3.0	21
35	Can Surgeons Reduce the Risk for Dislocation After Primary Total Hip Arthroplasty Performed Using the Posterolateral Approach?. <i>Journal of Arthroplasty</i> , 2017, 32, 3141-3146.	3.1	20
36	No Effect of a Bipolar Sealer on Total Blood Loss or Blood Transfusion in Nonseptic Revision Knee Arthroplasty – A Prospective Study With Matched Retrospective Controls. <i>Journal of Arthroplasty</i> , 2017, 32, 177-182.	3.1	19

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37	Unicompartmental knee arthroplasty undertaken using a fast-track protocol. <i>Bone and Joint Journal</i> , 2020, 102-B, 1167-1175.	4.4	19
38	Lacking evidence for performance of implants used for proximal femoral fractures – A systematic review. <i>Injury</i> , 2016, 47, 586-594.	1.7	17
39	Tissue Adhesive for Wound Closure Reduces Immediate Postoperative Wound Dressing Changes After Primary TKA: A Randomized Controlled Study in Simultaneous Bilateral TKA. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 2032-2038.	1.5	16
40	Acetabular Dysplasia and Surgical Approaches Other Than Direct Anterior Increases Risk for Malpositioning of the Acetabular Component in Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 835-841.	3.1	14
41	No association between surgical delay and mortality following distal femoral fractures. A study from the danish fracture database collaborators. <i>Injury</i> , 2017, 48, 2833-2837.	1.7	14
42	Morbidity and mortality after bilateral simultaneous total knee arthroplasty in a fast-track setting. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 87, 286-290.	3.3	13
43	General Assembly, Prevention, Surgical Site Preparation: Proceedings of International Consensus on Orthopedic Infections. <i>Journal of Arthroplasty</i> , 2019, 34, S85-S92.	3.1	12
44	Weight affects survival of primary total knee arthroplasty: study based on the Danish Knee Arthroplasty Register with 67,810 patients and a median follow-up time of 5 years. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 90, 60-66.	3.3	12
45	Clinical outcome of bi-unicompartmental knee arthroplasty for both medial and lateral femorotibial arthritis: a systematic review – is there proof of concept?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 1503-1513.	2.4	12
46	Population pharmacokinetics of ropivacaine used for local infiltration anaesthesia during primary total unilateral and simultaneous bilateral knee arthroplasty. <i>British Journal of Anaesthesia</i> , 2021, 126, 872-880.	3.4	11
47	Does the use of the largest possible metal head increase the wear of vitamin E-doped cross-linked polyethylene? Two-year results from a randomized controlled trial. <i>Bone and Joint Journal</i> , 2021, 103-B, 1206-1214.	4.4	11
48	Optimized medial unicompartmental knee arthroplasty outcome: learning from 20 years of propensity score matched registry data. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022, 93, 390-396.	3.3	11
49	Fast-track pathway for reduction of dislocated hip arthroplasty reduces surgical delay and length of stay. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 86, 335-338.	3.3	10
50	Validation according to European and American regulatory agencies guidelines of an LC-MS/MS method for the quantification of free and total ropivacaine in human plasma. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 701-708.	2.3	10
51	Are functional outcomes and early pain affected by discharge on the day of surgery following total hip and knee arthroplasty?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 62-66.	3.3	10
52	Harris Hip Score and SF-36 following metal-on-metal total hip arthroplasty and hip resurfacing - a randomized controlled trial with 5-years follow up including 75 patients. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 781.	1.9	10
53	Comparing surgical strategies for end-stage anteromedial osteoarthritis. <i>Bone & Joint Open</i> , 2022, 3, 441-447.	2.6	10
54	Regional Differences Between US and Europe in Radiological Osteoarthritis and Self Assessed Quality of Life in Patients Undergoing Total Hip Arthroplasty Surgery. <i>Journal of Arthroplasty</i> , 2014, 29, 2078-2083.	3.1	9

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55	Why are patients still in hospital after fast-track, unilateral unicompartmental knee arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 91, 433-438.	3.3	9
56	Influence of day of surgery and prediction of LOS > 2 days after fast-track hip and knee replacement. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 170-175.	3.3	9
57	Varying but reduced use of postoperative mobilization restrictions after primary total hip arthroplasty in Nordic countries: a questionnaire-based study. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 90, 143-147.	3.3	8
58	Venous thromboembolism after fast-track elective revision hip and knee arthroplasty – A multicentre cohort study of 2814 unselected consecutive procedures. <i>Thrombosis Research</i> , 2021, 199, 101-105.	1.7	8
59	Early results and future challenges of the Danish Fracture Database. <i>Danish Medical Journal</i> , 2014, 61, A4851.	0.5	8
60	Females, younger patients and patients with high BMI have the highest pre-operative knee awareness measured using the Forgotten Joint Score. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 2587-2593.	4.2	6
61	Venous thromboembolism after fast-track unicompartmental knee arthroplasty – A prospective multicentre cohort study of 3927 procedures. <i>Thrombosis Research</i> , 2020, 195, 81-86.	1.7	6
62	Preoperative high-dose Steroids in Total Knee and Hip Arthroplasty – Protocols for three randomized controlled trials. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 1350-1356.	1.6	6
63	Influence of body mass index and age on day-of-surgery discharge, prolonged admission, and 90-day readmission after fast-track unicompartmental knee arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 722-727.	3.3	6
64	Interpretation threshold values for the Oxford Knee Score in patients undergoing unicompartmental knee arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 0, 93, 634-642.	3.3	6
65	Mismatch “never events” in hip and knee arthroplasty. <i>Bone and Joint Journal</i> , 2019, 101-B, 960-969.	4.4	5
66	Patients with anteromedial osteoarthritis achieve the greatest improvement in patient reported outcome after total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 517-525.	2.4	5
67	Completeness and data validity for the Danish Fracture Database. <i>Danish Medical Journal</i> , 2013, 60, A4712.	0.5	5
68	Validation of registration of pharmacological treatment in the Danish Hip and Knee Arthroplasty Registers. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 128, 455-462.	2.5	4
69	No difference in whole-blood metal ions between 32-mm and 36- to 44-mm femoral heads in metal-on-polyethylene total hip arthroplasty: a 2-year report from a randomised control trial. <i>HIP International</i> , 2023, 33, 184-192.	1.7	4
70	Does ethnicity and education influence preoperative disability and expectations in patients undergoing total knee arthroplasty?. <i>World Journal of Orthopedics</i> , 2018, 9, 220-228.	1.8	4
71	Introduction of a New Treatment Algorithm Reduces the Number of Periprosthetic Femoral Fractures After Primary Total Hip Arthroplasty in Elderly Females. <i>Journal of Arthroplasty</i> , 2020, 35, 3613-3620.	3.1	3
72	The Use of Porous Titanium Coating and the Largest Possible Head Do Not Affect Early Cup Fixation. <i>JBS Open Access</i> , 2020, 5, e20.00107-e20.00107.	1.5	3

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73	Thromboembolic and bleeding complications following primary total knee arthroplasty. Bone and Joint Journal, 2021, 103-B, 1571-1577.	4.4	3
74	Fast-track revision knee arthroplasty.. Knee, 2022, 34, 24-33.	1.6	3
75	No increase in postoperative contacts with the healthcare system following outpatient total hip and knee arthroplasty. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 92, 557-561.	3.3	2
76	What is the effect of supervised rehabilitation regime vs. self-management instruction following unicompartmental knee arthroplasty? " a pilot study in two cohorts. Journal of Experimental Orthopaedics, 2021, 8, 38.	1.8	2
77	Fast-track revision hip arthroplasty: a multicenter cohort study on 1,345 elective aseptic major component revision hip arthroplasties. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 93, 341-347.	3.3	2
78	Feasibility, safety, and patient-reported outcomes 90 days after same-day total knee arthroplasty: a matched cohort study. Monthly Notices of the Royal Astronomical Society: Letters, 0, 93, 509-518.	3.3	2
79	Prospective psychometric characterization of hip and knee arthroplasty patients. Nordic Journal of Psychiatry, 2018, 72, 39-44.	1.3	1
80	Safety of vitamin E-infused highwall liners for routine use in primary total hip arthroplasty: single centre, short-term follow-up of 1221 cases. HIP International, 2020, , 112070002096964.	1.7	1
81	Does cup position differ between trabecular metal and titanium cups? A radiographic propensity score matched study of 300 hips. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 91, 682-686.	3.3	1
82	Early clinical outcome and learning curve following unilateral primary total knee arthroplasty after introduction of a novel total knee arthroplasty system. World Journal of Orthopedics, 2020, 11, 431-441.	1.8	1
83	Preoperative Severe Acute Respiratory Syndrome Coronavirus 2 Polymerase Chain Reaction Test at Between 48 and 72 Hours Preoperatively is Safe for Patients Undergoing Primary and Revision Hip and Knee Arthroplasty: A Multicentre International Study. Journal of Arthroplasty, 2022, , .	3.1	1
84	Example of nonlinear dynamical parameters for machine learning-based speech pathology classifier. Journal of Physics: Conference Series, 2019, 1176, 032037.	0.4	0
85	Sensitivity and specificity of post-operative interference gap assessment on plain radiographs after cementless primary THA. Clinical Imaging, 2019, 54, 103-107.	1.5	0
86	Warum bedarf es neuer Konzepte wie dem Rapid-Recovery-Programm?. , 2016, , 267-272.		0
87	The Outpatient Partial Knee Arthroplasty. , 2019, , 19-28.		0