Oriol Bestard

List of Publications by Year
in descending order

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118 papers	2,643 citations	236925 25 h-index	223800 46 g-index
120 all docs	120 docs citations	120 times ranked	3275 citing authors

#	Article	IF	Citations
1	Analyses of the short- and long-term graft survival after kidney transplantation in Europe between 1986 and 2015. Kidney International, 2018, 94, 964-973.	5.2	198
2	The kSORT Assay to Detect Renal Transplant Patients at High Risk for Acute Rejection: Results of the Multicenter AART Study. PLoS Medicine, 2014, 11, e1001759.	8.4	153
3	Achieving Donor-Specific Hyporesponsiveness Is Associated with FOXP3+ Regulatory T Cell Recruitment in Human Renal Allograft Infiltrates. Journal of Immunology, 2007, 179, 4901-4909.	0.8	143
4	Circulating Alloreactive T Cells Correlate with Graft Function in Longstanding Renal Transplant Recipients. Journal of the American Society of Nephrology: JASN, 2008, 19, 1419-1429.	6.1	118
5	A Randomized Study Comparing Parathyroidectomy with Cinacalcet for Treating Hypercalcemia in Kidney Allograft Recipients with Hyperparathyroidism. Journal of the American Society of Nephrology: JASN, 2016, 27, 2487-2494.	6.1	113
6	Preformed circulating HLA-specific memory B cells predict high risk of humoral rejection in kidney transplantation. Kidney International, 2015, 88, 874-887.	5.2	100
7	Complement-Activating Anti-HLA Antibodies in Kidney Transplantation: Allograft Gene Expression Profiling and Response to Treatment. Journal of the American Society of Nephrology: JASN, 2018, 29, 620-635.	6.1	94
8	Clinical characteristics and risk factors for severe COVID-19 in hospitalized kidney transplant recipients: A multicentric cohort study. American Journal of Transplantation, 2020, 20, 3030-3041.	4.7	78
9	Preformed Frequencies of Cytomegalovirus (CMV)â€“Specific Memory T and B Cells Identify Protected CMV-Sensitized Individuals Among Seronegative Kidney Transplant Recipients. Clinical Infectious Diseases, 2014, 59, 1537-1545.	5.8	69
10	A New CYP3A5*3 and CYP3A4*22 Cluster Influencing Tacrolimus Target Concentrations: A Population Approach. Clinical Pharmacokinetics, 2017, 56, 963-975.	3.5	69
11	Prospective assessment of antidonor cellular alloreactivity is a tool for guidance of immunosuppression in kidney transplantation. Kidney International, 2013, 84, 1226-1236.	5.2	66
12	Value of monitoring circulating donor-reactive memory B cells to characterize antibody-mediated rejection after kidney transplantation. American Journal of Transplantation, 2019, 19, 368-380.	4.7	58
13	Costimulatory blockade with mTor inhibition abrogates effector T-cell responses allowing regulatory T-cell survival in renal transplantation. Transplant International, 2011, 24, 451-460.	1.6	56
14	Dynamic Prognostic Score to Predict Kidney Allograft Survival in Patients with Antibody-Mediated Rejection. Journal of the American Society of Nephrology: JASN, 2018, 29, 606-619.	6.1	53
15	The combination of CYP3A4*22 and CYP3A5*3 single-nucleotide polymorphisms determines tacrolimus dose requirement after kidney transplantation. Pharmacogenetics and Genomics, 2017, 27, 313-322.	1.5	52
16	Pre-Transplant Donor-Specific T-Cell Alloreactivity Is Strongly Associated with Early Acute Cellular Rejection in Kidney Transplant Recipients Not Receiving T-Cell Depleting Induction Therapy. PLoS ONE, 2015, 10, e0117618.	2.5	48
17	SARS-CoV-2-specific serological and functional T cell immune responses during acute and early COVID-19 convalescence in solid organ transplant patients. American Journal of Transplantation, 2021, 21, 2749-2761.	4.7	46
18	Molecular and Functional Noninvasive Immune Monitoring in the ESCAPE Study for Prediction of Subclinical Renal Allograft Rejection. Transplantation, 2017, 101, 1400-1409.	1.0	43

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19	Conversion to Belatacept in Maintenance Kidney Transplant Patients. Transplantation, 2018, 102, 1545-1552.	1.0	43
20	Results from the IRoc-GN international registry of patients with COVID-19 and glomerular disease suggest close monitoring. Kidney International, 2021, 99, 227-237.	5.2	33
21	A Computational Gene Expression Score for Predicting Immune Injury in Renal Allografts. PLoS ONE, 2015, 10, e0138133.	2.5	33
22	CMV-specific Cell-mediated Immunity at 3-month Prophylaxis Withdrawal Discriminates D+/R+ Kidney Transplants at Risk of Late-onset CMV Infection Regardless the Type of Induction Therapy. Transplantation, 2018, 102, e472-e480.	1.0	32
23	Posttransplant peripheral blood donorâ€“specific interferon-Î³ enzyme-linked immune spot assay differentiates risk of subclinical rejection and de novo donor-specific alloantibodies in kidney transplant recipients. Kidney International, 2017, 92, 201-213.	5.2	29
24	Cellular Immunity to Predict the Risk of Cytomegalovirus Infection in Kidney Transplantation: A Prospective, Interventional, Multicenter Clinical Trial. Clinical Infectious Diseases, 2020, 71, 2375-2385.	5.8	29
25	Human CMV-specific T-cell responses in kidney transplantation; toward changing current risk-stratification paradigm. Transplant International, 2014, 27, 643-656.	1.6	28
26	Intragraft Antiviral-Specific Gene Expression as a Distinctive Transcriptional Signature for Studies in Polyomavirus-Associated Nephropathy. Transplantation, 2016, 100, 2062-2070.	1.0	28
27	Preformed T cell alloimmunity and HLA eplet mismatch to guide immunosuppression minimization with tacrolimus monotherapy in kidney transplantation: Results of the CELLIMIN trial. American Journal of Transplantation, 2021, 21, 2833-2845.	4.7	27
28	Antibiotic Treatment Versus No Treatment for Asymptomatic Bacteriuria in Kidney Transplant Recipients: A Multicenter Randomized Trial. Open Forum Infectious Diseases, 2019, 6, ofz243.	0.9	26
29	A Comprehensive Phenotypic and Functional Immune Analysis Unravels Circulating Antiâ€“Phospholipase A2 Receptor Antibody Secreting Cells in Membranous Nephropathy Patients. Kidney International Reports, 2020, 5, 1764-1776.	0.8	26
30	A urinary Common Rejection Module (uCRM) score for non-invasive kidney transplant monitoring. PLoS ONE, 2019, 14, e0220052.	2.5	25
31	Impact of donor extracellular vesicle release on recipient cell â€œcross-dressingâ€• following clinical liver and kidney transplantation. American Journal of Transplantation, 2021, 21, 2387-2398.	4.7	25
32	Stratifying the humoral risk of candidates to a solid organ transplantation: a proposal of the ENGAGE working group. Transplant International, 2021, 34, 1005-1018.	1.6	23
33	Mammalian Target of Rapamycin Inhibitors Combined With Calcineurin Inhibitors as Initial Immunosuppression in Renal Transplantation: A Meta-analysis. Transplantation, 2019, 103, 2031-2056.	1.0	22
34	Immunosuppression minimization in kidney transplant recipients hospitalized for COVID-19. CKJ: Clinical Kidney Journal, 2021, 14, 1229-1235.	2.9	22
35	A large, international study on post-transplant glomerular diseases: the TANGO project. BMC Nephrology, 2018, 19, 229.	1.8	21
36	Prediction of Free from Total Mycophenolic Acid Concentrations in Stable Renal Transplant Patients: A Population-Based Approach. Clinical Pharmacokinetics, 2018, 57, 877-893.	3.5	20

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37	Implementation of a National Priority Allocation System for Hypersensitized Patients in Spain, Based on Virtual Crossmatch: Initial Results. Transplantation Proceedings, 2016, 48, 2871-2875.	0.6	19
38	The Timing of Immunomodulation Induced by Mesenchymal Stromal Cells Determines the Outcome of the Graft in Experimental Renal Allotransplantation. Cell Transplantation, 2017, 26, 1017-1030.	2.5	19
39	A multicolour HLA-specific B-cell FluoroSpot assay to functionally track circulating HLA-specific memory B cells. Journal of Immunological Methods, 2018, 462, 23-33.	1.4	19
40	Decreased Kidney Graft Survival in Low Immunological Risk Patients Showing Inflammation in Normal Protocol Biopsies. PLoS ONE, 2016, 11, e0159717.	2.5	19
41	Refinement of humoral immune monitoring in kidney transplantation: the role of â€œhiddenâ€• alloreactive memory B cells. Transplant International, 2017, 30, 955-968.	1.6	18
42	Rituximab induces regression of hepatitis C virus-related membranoproliferative glomerulonephritis in a renal allograft. Nephrology Dialysis Transplantation, 2006, 21, 2320-2324.	0.7	17
43	Monitoring alloimmune response in kidney transplantation. Journal of Nephrology, 2017, 30, 187-200.	2.0	17
44	Impact of immunosuppressive therapy on arterial stiffness in kidney transplantation: are all treatments the same?. CKJ: Clinical Kidney Journal, 2018, 11, 413-421.	2.9	17
45	Optimization of tacrolimus in kidney transplantation: New pharmacokinetic perspectives. Transplantation Reviews, 2020, 34, 100531.	2.9	17
46	Biomarkers to assess donor-reactive T-cell responses in kidney transplant patients. Clinical Biochemistry, 2016, 49, 329-337.	1.9	16
47	Different impact of rATG induction on CMV infection risk in D+Râ€“ and R+ KTRs. Journal of Infectious Diseases, 2019, 220, 761-771.	4.0	16
48	Pretransplant Donor-specific IFNÎ³ ELISPOT as a Predictor of Graft Rejection: A Diagnostic Test Accuracy Meta-analysis. Transplantation Direct, 2019, 5, e451.	1.6	16
49	Donor/Recipient HLA Molecular Mismatch Scores Predict Primary Humoral and Cellular Alloimmunity in Kidney Transplantation. Frontiers in Immunology, 2020, 11, 623276.	4.8	16
50	Effector Antitumor and Regulatory T Cell Responses Influence the Development of Nonmelanoma Skin Cancer in Kidney Transplant Patients. Transplantation, 2017, 101, 2102-2110.	1.0	15
51	Rapid Biolayer Interferometry Measurements of Urinary CXCL9 to Detect Cellular Infiltrates Noninvasively After Kidney Transplantation. Kidney International Reports, 2017, 2, 1186-1193.	0.8	15
52	Systemic AA Amyloidosis Caused by Inflammatory Hepatocellular Adenoma. New England Journal of Medicine, 2018, 379, 1178-1180.	27.0	15
53	Refinement of humoral rejection effector mechanisms to identify specific pathogenic histological lesions with different graft outcomes. American Journal of Transplantation, 2019, 19, 952-953.	4.7	15
54	Peripheral Blood RNA Sequencing Unravels a Differential Signature of Coding and Noncoding Genes by Types of Kidney Allograft Rejection. Kidney International Reports, 2020, 5, 1706-1721.	0.8	15

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55	Combining Sensitive Crossmatch Assays With Donor/Recipient Human Leukocyte Antigen Eplet Matching Predicts Living-Donor Kidney Transplant Outcome. Kidney International Reports, 2018, 3, 926-938.	0.8	14
56	Immune-Monitoring Disease Activity in Primary Membranous Nephropathy. Frontiers in Medicine, 2019, 6, 241.	2.6	14
57	Influence of the Circadian Timing System on Tacrolimus Pharmacokinetics and Pharmacodynamics After Kidney Transplantation. Frontiers in Pharmacology, 2021, 12, 636048.	3.5	14
58	Loss of humoral response 3 months after SARS-CoV-2 vaccination in the CKD spectrum: the multicentric SENCOVAC study. Nephrology Dialysis Transplantation, 2022, 37, 994-999.	0.7	14
59	De novouse of a generic formulation of tacrolimus versus reference tacrolimus in kidney transplantation: evaluation of the clinical results, histology in protocol biopsies, and immunological monitoring. Transplant International, 2015, 28, 1283-1290.	1.6	13
60	Impact of preformed T-cell alloreactivity by means of donor-specific and panel of reactive T cells (PRT) ELISPOT in kidney transplantation. PLoS ONE, 2018, 13, e0200696.	2.5	13
61	CMV-specific Cell-Mediated Immunity Predicts High level of CMV Replication after Prophylaxis withdrawal in Lung Transplant Recipients. Journal of Infectious Diseases, 2021, 224, 526-531.	4.0	13
62	Longâ€term results of a randomized study comparing parathyroidectomy with cinacalcet for treating tertiary hyperparathyroidism. Clinical Transplantation, 2020, 34, e13988.	1.6	12
63	Control of Anti-Donor Antibody Production Post-Transplantation: Conventional and Novel Immunosuppressive Therapies. Contributions To Nephrology, 2008, 162, 117-128.	1.1	11
64	Immunosuppressive drugs modes of action. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2021, 54-55, 101757.	2.4	11
65	Acute Kidney Injury Following Chimeric Antigen Receptor T-Cell Therapy for B-Cell Lymphoma in a Kidney Transplant Recipient. Kidney Medicine, 2021, 3, 665-668.	2.0	10
66	A comprehensive assessment of long-term SARS-CoV-2â€“specific adaptive immune memory inÂconvalescent COVID-19 Solid Organ Transplant recipients. Kidney International, 2022, 101, 1027-1038.	5.2	10
67	COVID-19 in Patients with Glomerular Disease: Follow-Up Results from the IRoc-GN International Registry. Kidney360, 2022, 3, 293-306.	2.1	10
68	Alloimmune Risk Stratification for Kidney Transplant Rejection. Transplant International, 0, 35, .	1.6	10
69	SARS-CoV-2 vaccination in patients receiving kidney replacement therapies: where are we now with the protective immune response?. Nephrology Dialysis Transplantation, 2021, 36, 1950-1954.	0.7	9
70	Antibody-mediated rejection in young kidney transplant recipients: the dilemma of noncompliance and insufficient immunosuppression. Pediatric Nephrology, 2015, 30, 397-403.	1.7	7
71	The Presence of Urinary Renal Progenitor Cells in Stable Kidney Transplant Recipients Anticipates Allograft Deterioration. Frontiers in Physiology, 2018, 9, 1412.	2.8	7
72	Measurement of calcineurin activity in peripheral blood mononuclear cells by ultra-high performance liquid chromatography-tandem mass spectrometry. Renal transplant recipients application (pharmacodynamic monitoring). Clinica Chimica Acta, 2019, 495, 287-293.	1.1	7

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73	Adoption of a novel smart mobileâ€health application technology to track chronic immunosuppression adherence in solid organ transplantation: Results of a prospective, observational, multicentre, pilot study. Clinical Transplantation, 2021, 35, e14278.	1.6	7
74	Deciphering transplant outcomes of expanded kidney allografts donated after controlled circulatory death in the current transplant era. A call for caution. Transplant International, 2021, 34, 2494-2506.	1.6	7
75	ANRIL as a genetic marker for cardiovascular events in renal transplant patients - an observational follow-up cohort study. Transplant International, 2018, 31, 1018-1027.	1.6	6
76	Combined Liver-Kidney Transplantation With Preformed Antiâ€“human Leukocyte Antigen Donor-Specific Antibodies. Kidney International Reports, 2020, 5, 2202-2211.	0.8	6
77	Reconciling shortâ€term clinical and Immunological outcomes of SARSâ€CoVâ€2 vaccination in Solid Organ Transplant recipients. American Journal of Transplantation, 2021, , .	4.7	6
78	Long-lasting adaptive immune memory specific to SARS-CoV-2 in convalescent coronavirus disease 2019 stable people with HIV. Aids, 2022, 36, 1373-1382.	2.2	6
79	Effects of body weight variation in obese kidney recipients: a retrospective cohort study. CKJ: Clinical Kidney Journal, 2020, 13, 1068-1076.	2.9	5
80	Sustained Inhibition of Calcineurin Activity With a Meltâ€Dose Onceâ€daily Tacrolimus Formulation in Renal Transplant Recipients. Clinical Pharmacology and Therapeutics, 2021, 110, 238-247.	4.7	5
81	Exploring Frequencies of Circulating Specific Th17 Cells against Myeloperoxidase and Proteinase 3 in ANCA Associated Vasculitis. International Journal of Molecular Sciences, 2019, 20, 5820.	4.1	4
82	Novel insights into the pathobiology of humoral alloimmune memory in kidney transplantation. Current Opinion in Organ Transplantation, 2020, 25, 15-21.	1.6	4
83	Dual and Opposite Costimulatory Targeting with a Novel Human Fusion Recombinant Protein Effectively Prevents Renal Warm Ischemia Reperfusion Injury and Allograft Rejection in Murine Models. International Journal of Molecular Sciences, 2021, 22, 1216.	4.1	4
84	Mycophenolic acid interferes the transcriptional regulation and protein trafficking of maturation surface markers in dendritic cells. International Immunopharmacology, 2021, 91, 107025.	3.8	4
85	COVID-19 infection and renal injury: where is the place for acute interstitial nephritis disease?. CKJ: Clinical Kidney Journal, 2022, 15, 1698-1704.	2.9	4
86	Residual urinary volume is a risk factor for primary nonfunction in kidney transplantation. Transplant International, 2015, 28, 1276-1282.	1.6	3
87	Validation and evaluation of four sample preparation methods for the quantification of intracellular tacrolimus in peripheral blood mononuclear cells by UHPLC-MS/MS. Clinica Chimica Acta, 2020, 503, 210-217.	1.1	3
88	Functional immune monitoring of BK Virus and donorâ€specific Tâ€cell effector immune responses to guide treatment decisionâ€making after kidney transplantation; an illustrative case report and literature review. Transplant Infectious Disease, 2021, 23, e13495.	1.7	3
89	Urinary Cytokines Reflect Renal Inflammation in Acute Tubulointerstitial Nephritis: A Multiplex Bead-Based Assay Assessment. Journal of Clinical Medicine, 2021, 10, 2986.	2.4	3
90	A Prospective Multicenter Trial to Evaluate Urinary Metabolomics for Non-invasive Detection of Renal Allograft Rejection (PARASOL): Study Protocol and Patient Recruitment. Frontiers in Medicine, 2021, 8, 780585.	2.6	3

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91	Complete Regression of Psoriatic Arthritis After Belatacept Conversion in a Highly HLA-Sensitized Kidney Transplant Patient. American Journal of Transplantation, 2017, 17, 1409-1413.	4.7	2
92	Posttransplant Lymphoproliferative Disease and Inhibitors of Mammalian Target of Rapamycin: When a Quick Look Back Can Change the Perspective. Experimental and Clinical Transplantation, 2018, 16, 761-764.	0.5	2
93	Disarming the Old Foe. Restoring T-Cell Immune Function with mTor-Inhibitors to Tackle Cytomegalovirus Infection. Journal of the American Society of Nephrology: JASN, 2022, 33, 6-8.	6.1	2
94	Extended Release Tacrolimus (LCP-TAC) Prolongs Calcineurin Activity Inhibition During Drug Doses Intervals. Transplantation, 2018, 102, S592-S593.	1.0	1
95	Genotypic Variants Influencing Acute Allograft Rejection: Inherited Susceptibility Also Matters. Transplantation, 2019, 103, 2466-2467.	1.0	1
96	SARS-CoV-2 in Kidney Transplant Recipients: A Multicentric Prospective Cohort Study. SSRN Electronic Journal, 0, , .	0.4	1
97	Induction immunosuppression and outcome in kidney transplant recipients with early COVID-19 after transplantation. CKJ: Clinical Kidney Journal, 0, , .	2.9	1
98	Collapsing Glomerulonephritis in a Kidney Transplant Recipient after mRNA SARS-CoV-2 Vaccination. Journal of Clinical Medicine, 2022, 11, 3651.	2.4	1
99	Targets of new immunosuppressants in renal transplantation. Kidney International Supplements, 2011, 1, 47-51.	14.2	0
100	SO052RENAL PROGENITOR CELLS AS NOVEL PREDICTORS OF GRAFT OUTCOME. Nephrology Dialysis Transplantation, 2017, 32, iii31-iii31.	0.7	0
101	Induction Immunosuppression in Kidney Transplantation. , 2017, , 247-258.		0
102	SP741LEFT VENTRICULAR HYPERTROPHY AS PROGNOSTIC FACTOR AFTER KIDNEY TRANSPLANTATION. SIZE MATTERS MORE THAN PATTERNS. Nephrology Dialysis Transplantation, 2017, 32, iii392-iii393.	0.7	0
103	FP724EFFECT OF BODY WEIGHT VARIATION IN KIDNEY TRASNPLANTATION: A RETROSPECTIVE COHORTS STUDY. Nephrology Dialysis Transplantation, 2018, 33, i290-i290.	0.7	0
104	Effect of Body Weight Variation in Kidney Transplantation. Transplantation, 2018, 102, S521.	1.0	0
105	SP735EXTENDED RELEASE TACROLIMUS (LCP-TAC) PROLONGS CALCINEURIN ACTIVITY INHIBITION DURING DRUG DOSES INTERVALS. Nephrology Dialysis Transplantation, 2018, 33, i595-i596.	0.7	0
106	Identifying shared patterns in the T cell receptor repertoire specific to IE-1 CMV. Transplantation, 2018, 102, S141.	1.0	0
107	SP773Evaluating adherence to immunosuppressive drugs through TrackyourmedÂ® an innovative QR code-scanner app in renal transplantation: Preliminary results from I-COM trial. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0
108	FP235Th17 RESPONSE IN ANCA ASSOCIATED VASCULITIS. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0

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109	205.â€ƒTH17 LYMPHOCYTE RESPONSE IN A COHORT OF ANCA-ASSOCIATED VASCULITIS PATIENTS. Rheumatology, 2019, 58, .	1.9	0
110	P1794CHANGES IN PHARMACOKINETIC PROFILE OF MYCOPHENOLATE MOFETIL AND TACROLIMUS IN THE TRANSPLANTED PATIENT AFTER BOWEL SURGERY: A PROSPECTIVE COHORT STUDY. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
111	P1749DECEASED DONOR KIDNEY TRANSPLANTATION IN AHUS: A PROPHYLAXIS-FREE APPROACH EXPERIENCE. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
112	MO993IMMUNOSUPPRESSION MINIMIZATION IN KIDNEY TRANSPLANT RECIPIENTS HOSPITALIZED FOR COVID-19. Nephrology Dialysis Transplantation, 2021, 36, .	0.7	0
113	MO335URINARY CYTOKINES REFLECT THE ONGOING RENAL INFLAMMATION IN THE DIAGNOSTIC OF ACUTE TUBULOINTERSTITIAL NEPHRITIS: RESULTS OF A MULTIPLEX BEAD-BASED ASSAY ASSESSMENT. Nephrology Dialysis Transplantation, 2021, 36, .	0.7	0
114	Cytomegalovirus-specific cell-mediated immunity after prophylaxis predicts late-onset infection in lung transplantation. , 2020, , .		0
115	Safety of Obtaining an Extra Biobank Kidney Biopsy Core. Journal of Clinical Medicine, 2022, 11, 1459.	2.4	0
116	Genotypic variants influencing acute allograft rejection; inherited susceptibility also matters. Transplantation, 2019, 103, 1.	1.0	0
117	FC 107: Development and Validation of a Machine Learning-Based Virtual Biopsy System in Kidney Transplant Patients. Nephrology Dialysis Transplantation, 2022, 37, .	0.7	0
118	MO1017: Induction Immunosuppression and Outcome in Early Kidney Transplant Recipients with Covid-19. Nephrology Dialysis Transplantation, 2022, 37, .	0.7	0