

# Cornelia Blume

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,159  
citations

430874

18  
h-index

395702

33  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1916  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogels for 3D mammalian cell culture: a starting guide for laboratory practice. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 623-636.	3.6	123
2	Increase of infectious complications in ABO-incompatible kidney transplant recipients--a single centre experience. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 4124-4131.	0.7	120
3	Three dimensional spheroid cell culture for nanoparticle safety testing. <i>Journal of Biotechnology</i> , 2015, 205, 120-129.	3.8	74
4	The Peripheral NK Cell Repertoire after Kidney Transplantation is Modulated by Different Immunosuppressive Drugs. <i>Frontiers in Immunology</i> , 2013, 4, 46.	4.8	67
5	Different models of transition to adult care after pediatric kidney transplantation: A comparative study. <i>Pediatric Transplantation</i> , 2013, 17, 518-524.	1.0	53
6	Effect of flosulide, a selective cyclooxygenase 2 inhibitor, on passive Heymann nephritis in the rat. <i>Kidney International</i> , 1999, 56, 1770-1778.	5.2	46
7	A Comparison of the Outcome of Pregnancies After Liver and Kidney Transplantation. <i>Transplantation</i> , 2013, 95, 222-227.	1.0	46
8	Pediatric Kidney Transplantation Followed by De Novo Therapy With Everolimus, Low-Dose Cyclosporine A, and Steroid Elimination: 3-Year Data. <i>Transplantation</i> , 2011, 92, 658-662.	1.0	45
9	NK Cells of Kidney Transplant Recipients Display an Activated Phenotype that Is Influenced by Immunosuppression and Pathological Staging. <i>PLoS ONE</i> , 2015, 10, e0132484.	2.5	42
10	Pregnancies in liver and kidney transplant recipients: a review of the current literature and recommendation. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2014, 28, 1123-1136.	2.8	41
11	Influence of weight reduction on blood levels of C-reactive protein, tumor necrosis factor- $\alpha$ , interleukin-6, and oxylipins in obese subjects. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 106, 39-49.	2.2	41
12	Pathogenesis and management of hypertension after kidney transplantation. <i>Journal of Hypertension</i> , 2011, 29, 2283-2294.	0.5	39
13	Smart multifunctional nanoparticles in nanomedicine. <i>BioNanoMaterials</i> , 2016, 17, 33-41.	1.4	39
14	Autoimmunity in CD73/Ecto-5 $\alpha$ -Nucleotidase Deficient Mice Induces Renal Injury. <i>PLoS ONE</i> , 2012, 7, e37100.	2.5	36
15	Lost signature: progress and failures in in vivo tracking of implanted stem cells. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9907-9922.	3.6	31
16	Indicators of Treatment Responsiveness to Rituximab and Plasmapheresis in Antibody-Mediated Rejection After Kidney Transplantation. <i>Transplantation</i> , 2015, 99, 56-62.	1.0	22
17	Influence of cytokine genes polymorphisms on long-term outcome in renal transplantation. <i>Clinical Transplantation</i> , 2007, 21, 615-621.	1.6	20
18	Development of an Aptamer-Based Lateral Flow Assay for the Detection of C-Reactive Protein Using Microarray Technology as a Prescreening Platform. <i>ACS Combinatorial Science</i> , 2020, 22, 617-629.	3.8	19

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19	High impact of rejection therapy on the incidence of post-transplant diabetes mellitus after kidney transplantation. <i>Clinical Transplantation</i> , 2014, 28, 512-519.	1.6	16
20	Aptamer-modified polymer nanoparticles for targeted drug delivery. <i>BioNanoMaterials</i> , 2016, 17, 43-51.	1.4	15
21	An intelligent bioreactor system for the cultivation of a bioartificial vascular graft. <i>Engineering in Life Sciences</i> , 2017, 17, 567-578.	3.6	15
22	Impact of genetic polymorphisms of the renin-angiotensin system and of non-genetic factors on kidney transplant function – a single-center experience. <i>Clinical Transplantation</i> , 2009, 23, 606-615.	1.6	14
23	Back signaling of HLA class I molecules and T/NK cell receptor ligands in epithelial cells reflects the rejection-specific microenvironment in renal allograft biopsies. <i>American Journal of Transplantation</i> , 2019, 19, 2692-2704.	4.7	14
24	Mycophenolic acid inhibits the autocrine PDGF-B synthesis and PDGF-BB-induced mRNA expression of Egr-1 in rat mesangial cells. <i>Nephrology Dialysis Transplantation</i> , 2008, 24, 52-61.	0.7	12
25	Fibrillary glomerulonephritis associated with crescents as a therapeutic challenge. <i>American Journal of Kidney Diseases</i> , 2002, 40, 420-425.	1.9	11
26	Examination of Intrarenal Resistance Indices Indicate the Involvement of Renal Pathology as a Significant Diagnostic Classifier of Preeclampsia. <i>American Journal of Hypertension</i> , 2014, 27, 742-749.	2.0	11
27	Vascular implants – new aspects for in situ tissue engineering. <i>Engineering in Life Sciences</i> , 2022, 22, 344-360.	3.6	11
28	Combined Prospective Seroconversion and PCR Data of Selected Cohorts Indicate a High Rate of Subclinical SARS-CoV-2 Infections – an Open Observational Study in Lower Saxony, Germany. <i>Microbiology Spectrum</i> , 2022, 10, e0151221.	3.0	11
29	Cerivastatin inhibits proliferation of interleukin-1 $\beta$ -induced rat mesangial cells by enhanced formation of nitric oxide. <i>European Journal of Pharmacology</i> , 2004, 485, 1-10.	3.5	10
30	Early conversion from cyclosporine to tacrolimus increases renal graft function in chronic allograft nephropathy at BANFF stages I and II. <i>Transplant International</i> , 2008, 21, 1153-1162.	1.6	10
31	Children and adolescents'™ behavioral patterns in response to escalating COVID-19 restriction reveal sex and age differences. <i>Journal of Adolescent Health</i> , 2021, , .	2.5	10
32	A pre-conditioning protocol of peripheral blood derived endothelial colony forming cells for endothelialization of tissue engineered constructs. <i>Microvascular Research</i> , 2021, 134, 104107.	2.5	9
33	Electroporation: A Sustainable and Cell Biology Preserving Cell Labeling Method for Adipogenous Mesenchymal Stem Cells. <i>BioResearch Open Access</i> , 2019, 8, 32-44.	2.6	8
34	Peripheral blood derived endothelial colony forming cells as suitable cell source for pre-endothelialization of arterial vascular grafts under dynamic flow conditions. <i>Microvascular Research</i> , 2022, 143, 104402.	2.5	8
35	Vascular Network Formation on Macroporous Polydioxanone Scaffolds. <i>Tissue Engineering - Part A</i> , 2021, 27, 1239-1249.	3.1	7
36	Conversion from cyclosporine to tacrolimus prevents transplant function loss due to acute steroid-resistant or chronic rejection in renal allograft recipients. <i>Transplantation Proceedings</i> , 2001, 33, 3161-3163.	0.6	6

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37	Different Effect of Cyclosporine A and Mycophenolate Mofetil on Passive Heymann Nephritis in the Rat. <i>Nephron Experimental Nephrology</i> , 2005, 100, e104-e112.	2.2	6
38	Tacrolimus inhibits angiogenesis and induces disaggregation of endothelial cells in spheroids – Toxicity testing in a 3D cell culture approach. <i>Toxicology in Vitro</i> , 2018, 53, 10-19.	2.4	6
39	Automated Bioreactor System for the Cultivation of Autologous Tissue-Engineered Vascular Grafts. , 2020, 2020, 2257-2261.		6
40	High Unawareness of Chronic Kidney Disease in Germany. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11752.	2.6	6
41	Predictors of Outcomes of Living Kidney Donation: Impact of Sex, Age and Preexistent Hypertension. <i>Transplantation Proceedings</i> , 2019, 51, 396-404.	0.6	5
42	Differential effects of Belatacept on virus-specific memory versus de novo allo-specific T cell responses of kidney transplant recipients and healthy donors. <i>Transplant Immunology</i> , 2020, 61, 101291.	1.2	5
43	Split – Combine Click-SELEX Reveals Ligands Recognizing the Transplant Rejection Biomarker CXCL9. <i>ACS Chemical Biology</i> , 2022, 17, 129-137.	3.4	4
44	Clinical applicability of optogenetic gene regulation. <i>Biotechnology and Bioengineering</i> , 2021, 118, 4168-4185.	3.3	3
45	A new lateral flow assay to detect sIL-2R during T-cell mediated rejection after kidney transplantation. <i>Analyst, The</i> , 2021, 146, 5369-5379.	3.5	1
46	Successful Conversion of Immunosuppressives from Cyclosporine to Tacrolimus in Chronic Rejection after Kidney Transplantation. <i>Graft: Organ and Cell Transplantation</i> , 0, 5, 128-131.	0.0	0