Cornelia Blume

List of Publications by Year
in descending order

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46	1,159	430874	395702
papers	citations	18 h-index	33 g-index

52	52	52	1916
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Splitâ€“Combine Click-SELEX Reveals Ligands Recognizing the Transplant Rejection Biomarker CXCL9. ACS Chemical Biology, 2022, 17, 129-137.	3.4	4
2	Vascular implants â€“ new aspects for in situ tissue engineering. Engineering in Life Sciences, 2022, 22, 344-360.	3.6	11
3	Combined Prospective Seroconversion and PCR Data of Selected Cohorts Indicate a High Rate of Subclinical SARS-CoV-2 Infectionsâ€”an Open Observational Study in Lower Saxony, Germany. Microbiology Spectrum, 2022, 10, e0151221.	3.0	11
4	Peripheral blood derived endothelial colony forming cells as suitable cell source for pre-endothelialization of arterial vascular grafts under dynamic flow conditions. Microvascular Research, 2022, 143, 104402.	2.5	8
5	A pre-conditioning protocol of peripheral blood derived endothelial colony forming cells for endothelialization of tissue engineered constructs. Microvascular Research, 2021, 134, 104107.	2.5	9
6	A new lateral flow assay to detect sIL-2R during T-cell mediated rejection after kidney transplantation. Analyst, The, 2021, 146, 5369-5379.	3.5	1
7	Vascular Network Formation on Macroporous Polydioxanone Scaffolds. Tissue Engineering - Part A, 2021, 27, 1239-1249.	3.1	7
8	Clinical applicability of optogenetic gene regulation. Biotechnology and Bioengineering, 2021, 118, 4168-4185.	3.3	3
9	High Unawareness of Chronic Kidney Disease in Germany. International Journal of Environmental Research and Public Health, 2021, 18, 11752.	2.6	6
10	Children and adolescentsâ€™ behavioral patterns in response to escalating COVID-19 restriction reveal sex and age differences. Journal of Adolescent Health, 2021, , .	2.5	10
11	Automated Bioreactor System for the Cultivation of Autologous Tissue-Engineered Vascular Grafts. , 2020, 2020, 2257-2261.		6
12	Development of an Aptamer-Based Lateral Flow Assay for the Detection of C-Reactive Protein Using Microarray Technology as a Prescreening Platform. ACS Combinatorial Science, 2020, 22, 617-629.	3.8	19
13	Differential effects of Belatacept on virus-specific memory versus de novo allo-specific T cell responses of kidney transplant recipients and healthy donors. Transplant Immunology, 2020, 61, 101291.	1.2	5
14	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. American Journal of Transplantation, 2019, 19, 2692-2704.	4.7	14
15	Predictors of Outcomes of Living Kidney Donation: Impact of Sex, Age and Preexistent Hypertension. Transplantation Proceedings, 2019, 51, 396-404.	0.6	5
16	Electroporation: A Sustainable and Cell Biology Preserving Cell Labeling Method for Adipogenous Mesenchymal Stem Cells. BioResearch Open Access, 2019, 8, 32-44.	2.6	8
17	Tacrolimus inhibits angiogenesis and induces disaggregation of endothelial cells in spheroids â€“ Toxicity testing in a 3D cell culture approach. Toxicology in Vitro, 2018, 53, 10-19.	2.4	6
18	An intelligent bioreactor system for the cultivation of a bioartificial vascular graft. Engineering in Life Sciences, 2017, 17, 567-578.	3.6	15

#	Article	IF	Citations
19	Smart multifunctional nanoparticles in nanomedicine. BioNanoMaterials, 2016, 17, 33-41.	1.4	39
20	Aptamer-modified polymer nanoparticles for targeted drug delivery. BioNanoMaterials, 2016, 17, 43-51.	1.4	15
21	Influence of weight reduction on blood levels of C-reactive protein, tumor necrosis factor-Î±, interleukin-6, and oxylipins in obese subjects. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 106, 39-49.	2.2	41
22	NK Cells of Kidney Transplant Recipients Display an Activated Phenotype that Is Influenced by Immunosuppression and Pathological Staging. PLoS ONE, 2015, 10, e0132484.	2.5	42
23	Three dimensional spheroid cell culture for nanoparticle safety testing. Journal of Biotechnology, 2015, 205, 120-129.	3.8	74
24	Indicators of Treatment Responsiveness to Rituximab and Plasmapheresis in Antibody-Mediated Rejection After Kidney Transplantation. Transplantation, 2015, 99, 56-62.	1.0	22
25	Lost signature: progress and failures in in vivo tracking of implanted stem cells. Applied Microbiology and Biotechnology, 2015, 99, 9907-9922.	3.6	31
26	Hydrogels for 3D mammalian cell culture: a starting guide for laboratory practice. Applied Microbiology and Biotechnology, 2015, 99, 623-636.	3.6	123
27	Examination of Intrarenal Resistance Indices Indicate the Involvement of Renal Pathology as a Significant Diagnostic Classifier of Preeclampsia. American Journal of Hypertension, 2014, 27, 742-749.	2.0	11
28	Pregnancies in liver and kidney transplant recipients: a review of the current literature and recommendation. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2014, 28, 1123-1136.	2.8	41
29	High impact of rejection therapy on the incidence of postâ€transplant diabetes mellitus after kidney transplantation. Clinical Transplantation, 2014, 28, 512-519.	1.6	16
30	Different models of transition to adult care after pediatric kidney transplantation: A comparative study. Pediatric Transplantation, 2013, 17, 518-524.	1.0	53
31	A Comparison of the Outcome of Pregnancies After Liver and Kidney Transplantation. Transplantation, 2013, 95, 222-227.	1.0	46
32	The Peripheral NK Cell Repertoire after Kidney Transplantation is Modulated by Different Immunosuppressive Drugs. Frontiers in Immunology, 2013, 4, 46.	4.8	67
33	Autoimmunity in CD73/Ecto-5â€²-Nucleotidase Deficient Mice Induces Renal Injury. PLoS ONE, 2012, 7, e37100.	2.5	36
34	Pathogenesis and management of hypertension after kidney transplantation. Journal of Hypertension, 2011, 29, 2283-2294.	0.5	39
35	Pediatric Kidney Transplantation Followed by De Novo Therapy With Everolimus, Low-Dose Cyclosporine A, and Steroid Elimination: 3-Year Data. Transplantation, 2011, 92, 658-662.	1.0	45
36	Increase of infectious complications in ABO-incompatible kidney transplant recipients--a single centre experience. Nephrology Dialysis Transplantation, 2011, 26, 4124-4131.	0.7	120

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37	Impact of genetic polymorphisms of the reninâ€“angiotensin system and of nonâ€genetic factors on kidney transplant function â€“ a singleâ€center experience. Clinical Transplantation, 2009, 23, 606-615.	1.6	14
38	Early conversion from cyclosporine to tacrolimus increases renal graft function in chronic allograft nephropathy at BANFF stages I and II. Transplant International, 2008, 21, 1153-1162.	1.6	10
39	Mycophenolic acid inhibits the autocrine PDGF-B synthesis and PDGF-BB-induced mRNA expression of Egr-1 in rat mesangial cells. Nephrology Dialysis Transplantation, 2008, 24, 52-61.	0.7	12
40	Influence of cytokine genes polymorphisms on long-term outcome in renal transplantation. Clinical Transplantation, 2007, 21, 615-621.	1.6	20
41	Different Effect of Cyclosporine A and Mycophenolate Mofetil on Passive Heymann Nephritis in the Rat. Nephron Experimental Nephrology, 2005, 100, e104-e112.	2.2	6
42	Cerivastatin inhibits proliferation of interleukin-1Î²-induced rat mesangial cells by enhanced formation of nitric oxide. European Journal of Pharmacology, 2004, 485, 1-10.	3.5	10
43	Fibrillary glomerulonephritis associated with crescents as a therapeutic challenge. American Journal of Kidney Diseases, 2002, 40, 420-425.	1.9	11
44	Conversion from cyclosporine to tacrolimus prevents transplant function loss due to acute steroid-resistant or chronic rejection in renal allograft recipients. Transplantation Proceedings, 2001, 33, 3161-3163.	0.6	6
45	Effect of flosulide, a selective cyclooxygenase 2 inhibitor, on passive Heymann nephritis in the rat. Kidney International, 1999, 56, 1770-1778.	5.2	46
46	Successful Conversion of Immunosuppressives from Cyclosporine to Tacrolimus in Chronic Rejection after Kidney Transplantation. Graft: Organ and Cell Transplantation, 0, 5, 128-131.	0.0	0