Johan Kreuger

List of Publications by Year
in descending order

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47 papers	6,086 citations	236612 25 h-index	214527 47 g-index
52 all docs	52 docs citations	52 times ranked	9262 citing authors

#	Article	IF	Citations
1	Evaluation of the Speed, Accuracy and Precision of the QuickMIC Rapid Antibiotic Susceptibility Testing Assay With Gram-Negative Bacteria in a Clinical Setting. Frontiers in Cellular and Infection Microbiology, 2022, 12, 758262.	1.8	4
2	Well-Plate Î¼FASP for Proteomic Analysis of Single Pancreatic Islets. Journal of Proteome Research, 2022, 21, 1167-1174.	1.8	6
3	Piezo1 activation attenuates thrombin-induced blebbing in breast cancer cells. Journal of Cell Science, 2022, 135, .	1.2	8
4	A Microfluidic Chip for Studies of the Dynamics of Antibiotic Resistance Selection in Bacterial Biofilms. Frontiers in Cellular and Infection Microbiology, 2022, 12, .	1.8	15
5	The Potential of Stereolithography for 3D Printing of Synthetic Trabecular Bone Structures. Materials, 2021, 14, 3712.	1.3	8
6	An open source extrusion bioprinter based on the E3D motion system and tool changer to enable FRESH and multimaterial bioprinting. Scientific Reports, 2021, 11, 21547.	1.6	10
7	CombiANT: Antibiotic interaction testing made easy. PLoS Biology, 2020, 18, e3000856.	2.6	24
8	A Multiplex Fluidic Chip for Rapid Phenotypic Antibiotic Susceptibility Testing. MBio, 2020, 11, .	1.8	20
9	Fibrin fragment E potentiates TGF-Î²-induced myofibroblast activation and recruitment. Cellular Signalling, 2020, 72, 109661.	1.7	10
10	Turning Up the Heat: Local Temperature Control During in vivo Imaging of Immune Cells. Frontiers in Immunology, 2019, 10, 2036.	2.2	11
11	Modular microfluidic systems cast from 3D-printed molds for imaging leukocyte adherence to differentially treated endothelial cultures. Scientific Reports, 2019, 9, 11321.	1.6	17
12	Formation of precisely composed cancer cell clusters using a cell assembly generator (CAGE) for studying paracrine signaling at single-cell resolution. Lab on A Chip, 2019, 19, 1071-1081.	3.1	18
13	Modeling the structural implications of an alternatively spliced Exoc3l2, a paralog of the tunneling nanotube-forming M-Sec. PLoS ONE, 2018, 13, e0201557.	1.1	1
14	The atypical Rho GTPase RhoD is a regulator of actin cytoskeleton dynamics and directed cell migration. Experimental Cell Research, 2017, 352, 255-264.	1.2	24
15	Vascular sprouts induce local attraction of proangiogenic neutrophils. Journal of Leukocyte Biology, 2017, 102, 741-751.	1.5	15
16	FGD5 sustains vascular endothelial growth factor A (VEGFA) signaling through inhibition of proteasome-mediated VEGF receptor 2 degradation. Cellular Signalling, 2017, 40, 125-132.	1.7	15
17	Failure to Genotype: A Cautionary Note on an Elusive loxP Sequence. PLoS ONE, 2016, 11, e0165012.	1.1	1
18	A Modular and Affordable Time-Lapse Imaging and Incubation System Based on 3D-Printed Parts, a Smartphone, and Off-The-Shelf Electronics. PLoS ONE, 2016, 11, e0167583.	1.1	31

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19	Endoplasmic reticulum stress enhances fibrosis through <scp>IRE</scp> 1Î±â€mediated degradation of miRâ€150 and <scp>XBP</scp> â€1 splicing. EMBO Molecular Medicine, 2016, 8, 729-744.	3.3	122
20	Targeting vascular and leukocyte communication in angiogenesis, inflammation and fibrosis. Nature Reviews Drug Discovery, 2016, 15, 125-142.	21.5	115
21	VEGF suppresses Tâ€lymphocyte infiltration in the tumor microenvironment through inhibition of NFâ€ºBâ€induced endothelial activation. FASEB Journal, 2015, 29, 227-238.	0.2	147
22	Expression of chondroitin/dermatan sulfate glycosyltransferases during early zebrafish development. Developmental Dynamics, 2013, 242, 964-975.	0.8	21
23	MicroRNA-24 Suppression of N-Deacetylase/N-Sulfotransferase-1 (NDST1) Reduces Endothelial Cell Responsiveness to Vascular Endothelial Growth Factor A (VEGFA). Journal of Biological Chemistry, 2013, 288, 25956-25963.	1.6	28
24	Heparan Sulfate Biosynthesis. Journal of Histochemistry and Cytochemistry, 2012, 60, 898-907.	1.3	242
25	Functional Overlap Between Chondroitin and Heparan Sulfate Proteoglycans During VEGF-Induced Sprouting Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1255-1263.	1.1	62
26	On the Roles and Regulation of Chondroitin Sulfate and Heparan Sulfate in Zebrafish Pharyngeal Cartilage Morphogenesis. Journal of Biological Chemistry, 2012, 287, 33905-33916.	1.6	56
27	A disposable and multifunctional capsule for easy operation of microfluidic elastomer systems. Journal of Micromechanics and Microengineering, 2011, 21, 127001.	1.5	4
28	Exocyst Complex Component 3-like 2 (EXOC3L2) Associates with the Exocyst Complex and Mediates Directional Migration of Endothelial Cells. Journal of Biological Chemistry, 2011, 286, 24189-24199.	1.6	28
29	VEGF receptor 2/-3 heterodimers detected in situ by proximity ligation on angiogenic sprouts. EMBO Journal, 2010, 29, 1377-1388.	3.5	149
30	A fluidic device to study directional angiogenesis in complex tissue and organ culture models. Lab on A Chip, 2009, 9, 529-535.	3.1	47
31	Endothelial Cell Migration in Stable Gradients of Vascular Endothelial Growth Factor A and Fibroblast Growth Factor 2. Journal of Biological Chemistry, 2008, 283, 13905-13912.	1.6	143
32	Building blood vesselsâ€”stem cell models in vascular biology. Journal of Cell Biology, 2007, 177, 751-755.	2.3	89
33	Early Lymph Vessel Development From Embryonic Stem Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1073-1078.	1.1	51
34	Heparan Sulfate in trans Potentiates VEGFR-Mediated Angiogenesis. Developmental Cell, 2006, 10, 625-634.	3.1	220
35	Interactions between heparan sulfate and proteins: the concept of specificity. Journal of Cell Biology, 2006, 174, 323-327.	2.3	421
36	On the role of glypicans in the process of morphogen gradient formation. Developmental Biology, 2006, 300, 512-522.	0.9	53

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37	VEGF receptor signalling ? in control of vascular function. Nature Reviews Molecular Cell Biology, 2006, 7, 359-371.	16.1	2,698
38	Fibroblast growth factors share binding sites in heparan sulphate. Biochemical Journal, 2005, 389, 145-150.	1.7	79
39	Opposing Activities of Dally-like Glypican at High and Low Levels of Wingless Morphogen Activity. Developmental Cell, 2004, 7, 503-512.	3.1	202
40	Nitrocellulose Filter Binding to Assess Binding of Glycosaminoglycans to Proteins. Methods in Enzymology, 2003, 363, 327-339.	0.4	27
41	Biosynthetic Oligosaccharide Libraries for Identification of Protein-binding Heparan Sulfate Motifs. Journal of Biological Chemistry, 2002, 277, 30567-30573.	1.6	90
42	Role of heparan sulfate domain organization in endostatin inhibition of endothelial cell function. EMBO Journal, 2002, 21, 6303-6311.	3.5	84
43	Sequence Analysis of Heparan Sulfate Epitopes with Graded Affinities for Fibroblast Growth Factors 1 and 2. Journal of Biological Chemistry, 2001, 276, 30744-30752.	1.6	211
44	Binding of Heparin/Heparan Sulfate to Fibroblast Growth Factor Receptor 4. Journal of Biological Chemistry, 2001, 276, 16868-16876.	1.6	78
45	Selectively Desulfated Heparin Inhibits Fibroblast Growth Factor-induced Mitogenicity and Angiogenesis. Journal of Biological Chemistry, 2000, 275, 24653-24660.	1.6	164
46	Structural basis and potential role of heparin/heparan sulfate binding to the angiogenesis inhibitor endostatin. EMBO Journal, 1999, 18, 6240-6248.	3.5	196
47	Identification of O-sulphate substituents on D-glucuronic acid units in heparin-related glycosaminoglycans using novel synthetic disaccharide standards. Glycobiology, 1995, 5, 807-811.	1.3	14