

Hjalmar Brismar

List of Publications by Year in descending order

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Version: 2024-02-01

171
papers

8,129
citations

53794

45
h-index

54911

84
g-index

175
all docs

175
docs citations

175
times ranked

10636
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-Resolution Imaging of the Filtration Barrier Suggests a Role for Podocin R229Q in Genetic Predisposition to Glomerular Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 138-154.	6.1	7
2	Identification of a discrete subpopulation of spinal cord ependymal cells with neural stem cell properties. <i>Cell Reports</i> , 2022, 38, 110440.	6.4	18
3	A fast and simple clearing and swelling protocol for 3D in-situ imaging of the kidney across scales. <i>Kidney International</i> , 2021, 99, 1010-1020.	5.2	18
4	Super-resolution microscopy reveals that Na ⁺ /K ⁺ -ATPase signaling protects against glucose-induced apoptosis by deactivating Bad. <i>Cell Death and Disease</i> , 2021, 12, 739.	6.3	0
5	A missense mutation converts the Na ⁺ ,K ⁺ -ATPase into an ion channel and causes therapy-resistant epilepsy. <i>Journal of Biological Chemistry</i> , 2021, 297, 101355.	3.4	9
6	High-Resolution Imaging of Tumor Spheroids and Organoids Enabled by Expansion Microscopy. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 208.	3.5	27
7	Ouabain Modulates the Functional Interaction Between Na,K-ATPase and NMDA Receptor. <i>Molecular Neurobiology</i> , 2020, 57, 4018-4030.	4.0	13
8	Extracellular vesicles from mast cells induce mesenchymal transition in airway epithelial cells. <i>Respiratory Research</i> , 2020, 21, 101.	3.6	26
9	A molecular mechanism explaining albuminuria in kidney disease. <i>Nature Metabolism</i> , 2020, 2, 461-474.	11.9	99
10	Mending Fences: Na,K-ATPase signaling via Ca ²⁺ in the maintenance of epithelium integrity. <i>Cell Calcium</i> , 2020, 88, 102210.	2.4	10
11	RNA-seq reveals altered gene expression levels in proximal tubular cell cultures compared to renal cortex but not during early glucotoxicity. <i>Scientific Reports</i> , 2020, 10, 10390.	3.3	5
12	In Situ Encapsulation of Nile Red or Doxorubicin during RAFT-mediated Emulsion Polymerization via Polymerization-induced Self-assembly for Biomedical Applications. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900443.	2.2	16
13	Defective membrane insertion of mutant Na,K-ATPase, a cause of fatal epilepsy. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
14	Postmetaphase correction of aberrant kinetochore-microtubule attachments in mammalian eggs. <i>EMBO Reports</i> , 2019, 20, e47905.	4.5	11
15	Ouabain-regulated phosphoproteome reveals molecular mechanisms for Na ⁺ , K ⁺ -ATPase control of cell adhesion, proliferation, and survival. <i>FASEB Journal</i> , 2019, 33, 10193-10206.	0.5	17
16	Endocytic pathway of vascular cell adhesion molecule 1 in human umbilical vein endothelial cell identified in vitro by using functionalized nontoxic fluorescent quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126702.	7.8	3
17	Joint Image Deconvolution and Separation Using Mixed Dictionaries. <i>IEEE Transactions on Image Processing</i> , 2019, 28, 3936-3945.	9.8	3
18	Prompt apoptotic response to high glucose in SGLT-expressing renal cells. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F1078-F1089.	2.7	15

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19	Breast cancer quantitative proteome and proteogenomic landscape. <i>Nature Communications</i> , 2019, 10, 1600.	12.8	152
20	Intrinsic blinking characteristics of single colloidal CdSe-CdS/ZnS core-multishell quantum dots. <i>Physical Review B</i> , 2019, 99, .	3.2	2
21	Spontaneous calcium activity in metanephric mesenchymal cells regulates branching morphogenesis in the embryonic kidney. <i>FASEB Journal</i> , 2019, 33, 4089-4096.	0.5	7
22	Experimental validation of predicted cancer genes using FRET. <i>Methods and Applications in Fluorescence</i> , 2018, 6, 035007.	2.3	2
23	Sexual dimorphism in the width of the mouse synaptonemal complex. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	10
24	Confocal super-resolution imaging of the glomerular filtration barrier enabled by tissue expansion. <i>Kidney International</i> , 2018, 93, 1008-1013.	5.2	47
25	Regulation of Neuronal Na,K-ATPase by Extracellular Scaffolding Proteins. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2214.	4.1	8
26	SMLocalizer, a GPU accelerated ImageJ plugin for single molecule localization microscopy. <i>Bioinformatics</i> , 2018, 34, 137-138.	4.1	10
27	Quantification of endogenous and exogenous protein expressions of Na,K-ATPase with super-resolution PALM/STORM imaging. <i>PLoS ONE</i> , 2018, 13, e0195825.	2.5	2
28	Measuring true localization accuracy in super resolution microscopy with DNA-origami nanostructures. <i>New Journal of Physics</i> , 2017, 19, 025013.	2.9	12
29	Influence of surface states on blinking characteristics of single colloidal CdSe-CdS/ZnS core-multishell quantum dot. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 528-536.	9.4	6
30	AT1-receptor response to non-saturating Ang-II concentrations is amplified by calcium channel blockers. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 126.	1.7	4
31	Multifocus structured illumination microscopy for fast volumetric super-resolution imaging. <i>Biomedical Optics Express</i> , 2017, 8, 4135.	2.9	42
32	Oriented clonal cell dynamics enables accurate growth and shaping of vertebrate cartilage. <i>ELife</i> , 2017, 6, .	6.0	46
33	Transport and release of colloidal 3-mercaptopropionic acid-coated CdSe–CdS/ZnS core-multishell quantum dots in human umbilical vein endothelial cells. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 8615-8629.	6.7	8
34	Quantum dots modulate intracellular Ca ²⁺ level in lung epithelial cells. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2781-2792.	6.7	3
35	Microchip Screening Platform for Single Cell Assessment of NK Cell Cytotoxicity. <i>Frontiers in Immunology</i> , 2016, 7, 119.	4.8	46
36	Bioelectric and Morphological Response of Liquid-Covered Human Airway Epithelial Calu-3 Cell Monolayer to Periodic Deposition of Colloidal 3-Mercaptopropionic-Acid Coated CdSe-CdS/ZnS Core-Multishell Quantum Dots. <i>PLoS ONE</i> , 2016, 11, e0149915.	2.5	6

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37	Sodium pump organization in dendritic spines. <i>Neurophotonics</i> , 2016, 3, 041803.	3.3	11
38	High density of γ -H2AX constrains sister chromatid axes and prevents illegitimate synaptonemal complex formation. <i>EMBO Reports</i> , 2016, 17, 901-913.	4.5	37
39	Na ⁺ -K ⁺ -ATPase, a new class of plasma membrane receptors. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C491-C495.	4.6	88
40	Analysis of neural crest-derived clones reveals novel aspects of facial development. <i>Science Advances</i> , 2016, 2, e1600060.	10.3	68
41	Prevention of apoptosis averts glomerular tubular disconnection and podocyte loss in proteinuric kidney disease. <i>Kidney International</i> , 2016, 90, 135-148.	5.2	46
42	Super-resolution stimulated emission depletion imaging of slit diaphragm proteins in optically cleared kidney tissue. <i>Kidney International</i> , 2016, 89, 243-247.	5.2	80
43	Acid Dissociation of 3-Mercaptopropionic Acid Coated CdSe/Cd _{0.5} Zn _{0.5} S/ZnS Core-Multishell Quantum Dot and Strong Ionic Interaction with Ca ²⁺ Ion. <i>Journal of Physical Chemistry C</i> , 2016, 120, 3519-3529.	3.1	15
44	Functional porous membranes from amorphous linear dendritic polyester hybrids. <i>Polymer Chemistry</i> , 2015, 6, 2390-2395.	3.9	11
45	Red-Shift Index Concept in Solvent Effects of Chromophore-Substituted Metallophthalocyanines: A Look at the Empirical Relationship of the Macroscopic Properties of the Solute-Solvent Interactions. <i>Journal of Solution Chemistry</i> , 2015, 44, 307-326.	1.2	1
46	Compaction of rolling circle amplification products increases signal integrity and signal-to-noise ratio. <i>Scientific Reports</i> , 2015, 5, 12317.	3.3	27
47	Mechanisms of fluorescence decays of colloidal CdSe/CdS/ZnS quantum dots unraveled by time-resolved fluorescence measurement. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 27588-27595.	2.8	21
48	Microfluidic-based isolation of bacteria from whole blood for sepsis diagnostics. <i>Biotechnology Letters</i> , 2015, 37, 825-830.	2.2	45
49	Optical Clearing Methods for Large Scale Studies of Renal Morphology. <i>FASEB Journal</i> , 2015, 29, 632.1.	0.5	0
50	Role of Na,K-ATPase α 1 and α 2 Isoforms in the Support of Astrocyte Glutamate Uptake. <i>PLoS ONE</i> , 2014, 9, e98469.	2.5	51
51	Microscopy for Acoustofluidic Micro-Devices. , 2014, , 493-519.		0
52	Understanding the Photochemical Pathway of In-Vitro Target Delivery of Aluminium Phthalocyanine: A Mechanistic Approach Using Radical Reaction Chemistry. <i>ChemPlusChem</i> , 2014, 79, 671-679.	2.8	1
53	Reversible Modification of CdSe/CdS/ZnS Quantum Dot Fluorescence by Surrounding Ca ²⁺ Ions. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10424-10433.	3.1	24
54	Native and functionalized micrometre-sized cellulose capsules prepared by microfluidic flow focusing. <i>RSC Advances</i> , 2014, 4, 19061-19067.	3.6	16

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55	Glial origin of mesenchymal stem cells in a tooth model system. <i>Nature</i> , 2014, 513, 551-554.	27.8	347
56	<scp>STED</scp> microscopy: increased resolution for medical research?. <i>Journal of Internal Medicine</i> , 2014, 276, 560-578.	6.0	29
57	Nanoscope spine localization of Norbin, an mGluR5 accessory protein. <i>BMC Neuroscience</i> , 2014, 15, 45.	1.9	20
58	Study of protein and RNA in dendritic spines using multi-isotope imaging mass spectrometry. <i>Surface and Interface Analysis</i> , 2014, 46, 158-160.	1.8	7
59	Nanoscale elucidation of Na,K-ATPase isoforms in dendritic spines. <i>Optical Nanoscopy</i> , 2013, 2, 6.	4.0	7
60	Calcium oscillations triggered by cardiotonic steroids. <i>FEBS Journal</i> , 2013, 280, 5450-5455.	4.7	39
61	A Specific and Essential Role for Na,K-ATPase $\alpha 3$ in Neurons Co-expressing $\alpha 1$ and $\alpha 3$. <i>Journal of Biological Chemistry</i> , 2013, 288, 2734-2743.	3.4	105
62	Blinking, Flickering, and Correlation in Fluorescence of Single Colloidal CdSe Quantum Dots with Different Shells under Different Excitations. <i>Journal of Physical Chemistry C</i> , 2013, 117, 4844-4851.	3.1	30
63	Ouabain Protects against Shiga Toxin-Triggered Apoptosis by Reversing the Imbalance between Bax and Bcl-xL. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1413-1423.	6.1	37
64	Modulated Fluorescence of Colloidal Quantum Dots Embedded in a Porous Alumina Membrane. <i>Journal of Physical Chemistry B</i> , 2013, 117, 14151-14156.	2.6	6
65	Spatial Distribution of DARPP-32 in Dendritic Spines. <i>PLoS ONE</i> , 2013, 8, e75155.	2.5	25
66	Characterization of VCAM-1-Binding Peptide-Functionalized Quantum Dots for Molecular Imaging of Inflamed Endothelium. <i>PLoS ONE</i> , 2013, 8, e83805.	2.5	24
67	Variability in the strength of AT 1 R Ca ²⁺ signaling. <i>FASEB Journal</i> , 2013, 27, .	0.5	0
68	Activity dependent regulation of Na,K-ATPase $\alpha 3$ mobility in the postsynaptic membrane. <i>FASEB Journal</i> , 2013, 27, 726.6.	0.5	0
69	A specific and essential role for Na,K-ATPase $\alpha 3$ in neurons co-expressing $\alpha 1$ and $\alpha 3$. <i>FASEB Journal</i> , 2013, 27, 726.7.	0.5	0
70	X-ray phase contrast for CO ₂ microangiography. <i>Physics in Medicine and Biology</i> , 2012, 57, 2603-2617.	3.0	45
71	A Noncanonical Postsynaptic Transport Route for a GPCR Belonging to the Serotonin Receptor Family. <i>Journal of Neuroscience</i> , 2012, 32, 17998-18008.	3.6	18
72	Inertial microfluidics in parallel channels for high-throughput applications. <i>Lab on A Chip</i> , 2012, 12, 4644.	6.0	49

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73	The direct anterior approach: initial experience of a minimally invasive technique for total hip arthroplasty. <i>Journal of Orthopaedic Surgery and Research</i> , 2012, 7, 17.	2.3	83
74	Acoustofluidics 18: Microscopy for acoustofluidic micro-devices. <i>Lab on A Chip</i> , 2012, 12, 3221.	6.0	17
75	Plekhh2, a novel podocyte protein downregulated in human focal segmental glomerulosclerosis, is involved in matrix adhesion and actin dynamics. <i>Kidney International</i> , 2012, 82, 1071-1083.	5.2	20
76	Visualization of custom-tailored iron oxide nanoparticles chemistry, uptake, and toxicity. <i>Nanoscale</i> , 2012, 4, 7383.	5.6	34
77	FGF1 containing biodegradable device with peripheral nerve grafts induces corticospinal tract regeneration and motor evoked potentials after spinal cord resection. <i>Restorative Neurology and Neuroscience</i> , 2012, 30, 91-102.	0.7	14
78	Observation of Bunched Blinking from Individual CdSe/CdS and CdSe/ZnS Colloidal Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2012, 116, 12786-12790.	3.1	8
79	Nearest neighbor analysis of dopamine D1 receptors and Na ⁺ K ⁺ ATPases in dendritic spines dissected by STED microscopy. <i>Microscopy Research and Technique</i> , 2012, 75, 220-228.	2.2	42
80	Luminescence properties of the Cu ₄ I ₆ 2 ⁺ cluster. <i>CrystEngComm</i> , 2011, 13, 4729.	2.6	22
81	Analysis of transient migration behavior of natural killer cells imaged in situ and in vitro. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 770.	1.3	35
82	Spatial distribution of Na ⁺ K ⁺ ATPase in dendritic spines dissected by nanoscale superresolution STED microscopy. <i>BMC Neuroscience</i> , 2011, 12, 16.	1.9	67
83	Hypoxic preconditioning increases gap-junctional graft and host communication. <i>NeuroReport</i> , 2010, 21, 1126-1132.	1.2	28
84	Photophysical and photochemical parameters of octakis (benzylthio) phthalocyaninato zinc, aluminium and tin: Red shift index concept in solvent effect on the ground state absorption of zinc phthalocyanine derivatives. <i>Journal of Molecular Structure</i> , 2010, 984, 1-14.	3.6	10
85	A single fixation protocol for proteome-wide immunofluorescence localization studies. <i>Journal of Proteomics</i> , 2010, 73, 1067-1078.	2.4	89
86	Mechanical properties of primary cilia regulate the response to fluid flow. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, F1096-F1102.	2.7	93
87	Ouabain protects against adverse developmental programming of the kidney. <i>Nature Communications</i> , 2010, 1, 42.	12.8	71
88	Intraparticle Transport and Release of Dextran in Silica Spheres with Cylindrical Mesopores. <i>Langmuir</i> , 2010, 26, 466-470.	3.5	8
89	Functional and molecular interactions between aquaporins and Na,K-ATPase. <i>Neuroscience</i> , 2010, 168, 915-925.	2.3	86
90	Controlling yield and morphology for gold nanorods in a seed-mediated synthesis method for cell imaging. , 2010, , .		0

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91	Radiative and nonradiative recombination of photoexcited excitons in multi-shell \AA -coated CdSe/CdS/ZnS quantum dots. <i>Europhysics Letters</i> , 2009, 86, 37003.	2.0	19
92	Erythropoietin modulation of astrocyte water permeability as a component of neuroprotection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1602-1607.	7.1	113
93	Norbin Is an Endogenous Regulator of Metabotropic Glutamate Receptor 5 Signaling. <i>Science</i> , 2009, 326, 1554-1557.	12.6	114
94	<i>Staphylococcus epidermidis</i> Isolated From Newborn Infants Express Pilus-Like Structures and Are Inhibited by the Cathelicidin-Derived Antimicrobial Peptide LL37. <i>Pediatric Research</i> , 2009, 66, 174-178.	2.3	26
95	Selection and characterization of Affibody \AA ligands to the transcription factor c-Jun. <i>Biotechnology and Applied Biochemistry</i> , 2009, 52, 17.	3.1	19
96	Engineering and characterization of a bispecific HER2 \AA - EGFR \AA -binding affibody molecule. <i>Biotechnology and Applied Biochemistry</i> , 2009, 54, 121-131.	3.1	58
97	PCR amplification and genetic analysis in a microwell cell culturing chip. <i>Lab on A Chip</i> , 2009, 9, 3465.	6.0	41
98	Functional differences between D1 and D5 revealed by high resolution imaging on live neurons. <i>Neuroscience</i> , 2009, 164, 463-469.	2.3	23
99	AQP4 role in renal K ⁺ transport. <i>FASEB Journal</i> , 2009, 23, 867.2.	0.5	0
100	Adsorption and activity of <i>Thermomyces lanuginosus</i> lipase on hydrophobic and hydrophilic surfaces measured with dual polarization interferometry (DPI) and confocal microscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 61, 208-215.	5.0	23
101	Microfluidic devices for studies of primary cilium mediated cellular response to dynamic flow conditions. <i>Biomedical Microdevices</i> , 2008, 10, 555-560.	2.8	13
102	Identification of a molecular target for glutamate regulation of astrocyte water permeability. <i>Glia</i> , 2008, 56, 587-596.	4.9	137
103	Protein \AA -surfactant interactions at hydrophobic interfaces studied with total internal reflection fluorescence correlation spectroscopy (TIR-FCS). <i>Journal of Colloid and Interface Science</i> , 2008, 317, 449-457.	9.4	37
104	Thickness estimation of fluorescent sections using a CSLM. <i>Journal of Microscopy</i> , 2008, 184, 106-116.	1.8	9
105	Distribution and neuropeptide coexistence of nucleobindin-2 mRNA/nesfatin-like immunoreactivity in the rat CNS. <i>Neuroscience</i> , 2008, 156, 563-579.	2.3	227
106	Release and Molecular Transport of Cationic and Anionic Fluorescent Molecules in Mesoporous Silica Spheres. <i>Langmuir</i> , 2008, 24, 11096-11102.	3.5	28
107	Ankyrin B Modulates the Function of Na,K-ATPase/Inositol 1,4,5-Trisphosphate Receptor Signaling Microdomain. <i>Journal of Biological Chemistry</i> , 2008, 283, 11461-11468.	3.4	45
108	Toward a Confocal Subcellular Atlas of the Human Proteome. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 499-508.	3.8	122

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109	Diode-pumped solid state laser light sources for confocal laser scanning fluorescence microscopy. <i>Journal of Laser Applications</i> , 2008, 20, 160-164.	1.7	3
110	Identification and functional significance of a brain aquaporin α 4/Na ⁺ , K ⁺ -ATPase/mGluR5 macromolecular complex. <i>FASEB Journal</i> , 2008, 22, 1159.17.	0.5	0
111	Phage display selection of Affibody molecules with specific binding to the extracellular domain of the epidermal growth factor receptor. <i>Protein Engineering, Design and Selection</i> , 2007, 20, 189-199.	2.1	103
112	Intracellular dynamics of calcyon, a neuron-specific vesicular protein. <i>NeuroReport</i> , 2007, 18, 1547-1551.	1.2	9
113	Cellular studies of binding, internalization and retention of a radiolabeled EGFR-binding affibody molecule. <i>Nuclear Medicine and Biology</i> , 2007, 34, 609-618.	0.6	72
114	Fluorescent protein pair emit intracellular FRET signal suitable for FACS screening. <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 449-455.	2.1	9
115	Tracking Single Lipase Molecules on a Trimyristin Substrate Surface Using Quantum Dots. <i>Langmuir</i> , 2007, 23, 8352-8356.	3.5	24
116	Mobility of <i>Thermomyces lanuginosus</i> Lipase on a Trimyristin Substrate Surface. <i>Langmuir</i> , 2007, 23, 2706-2713.	3.5	16
117	A microfluidic device for parallel 3D cell cultures in asymmetric environments. <i>Electrophoresis</i> , 2007, 28, 4705-4712.	2.4	36
118	Proliferation and viability of adherent cells manipulated by standing-wave ultrasound in a microfluidic chip. <i>Ultrasound in Medicine and Biology</i> , 2007, 33, 145-151.	1.5	207
119	A comparison between dual polarization interferometry (DPI) and surface plasmon resonance (SPR) for protein adsorption studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 54, 236-240.	5.0	39
120	Self-assembling Fmoc dipeptide hydrogel for in situ 3D cell culturing. <i>BMC Biotechnology</i> , 2007, 7, 88.	3.3	108
121	<i>Urticaria Neonatorum</i> : Accumulation of tryptase-expressing mast cells in the skin lesions of newborns with Erythema Toxicum. <i>Pediatric Allergy and Immunology</i> , 2007, 18, 652-658.	2.6	14
122	Increased Expression of HMGB α 1 in the Skin Lesions of Erythema Toxicum. <i>Pediatric Dermatology</i> , 2007, 24, 474-482.	0.9	29
123	Imaging the Detergency of Single Cotton Fibers with Confocal Microscopy: the Effect of Surfactants and Lipases. <i>Journal of Surfactants and Detergents</i> , 2007, 10, 211-218.	2.1	16
124	S.04.03 Allosteric changes of the NMDA receptor trap diffusible dopamine 1 receptors in spines. <i>European Neuropsychopharmacology</i> , 2006, 16, S170.	0.7	1
125	Adsorption and Mobility of a Lipase at a Hydrophobic Surface in the Presence of Surfactants. <i>Langmuir</i> , 2006, 22, 5810-5817.	3.5	40
126	Modeling the impact of store-operated Ca ²⁺ entry on intracellular Ca ²⁺ oscillations. <i>Mathematical Biosciences</i> , 2006, 204, 232-249.	1.9	24

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127	The role of endocytosis in renal dopamine D1 receptor signaling. <i>Pflugers Archiv European Journal of Physiology</i> , 2006, 451, 793-802.	2.8	4
128	Allosteric changes of the NMDA receptor trap diffusible dopamine 1 receptors in spines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 762-767.	7.1	115
129	232 Revised Approach to Suspected Late-Onset Sepsis in Neonates: Added Value of C-Reactive Protein and Staphylococcus-Specific PCR.. <i>Pediatric Research</i> , 2005, 58, 394-394.	2.3	0
130	233 Microbial Presentation at the Epithelial Linings: A Strategic Way to Promote the Generation of Immunity at Birth.. <i>Pediatric Research</i> , 2005, 58, 394-394.	2.3	0
131	A concept for miniaturized 3-D cell culture using an extracellular matrix gel. <i>Electrophoresis</i> , 2005, 26, 4751-4758.	2.4	34
132	Developmental Changes in HIF Transcription Factor in Carotid Body: Relevance for O ₂ Sensing by Chemoreceptors. <i>Pediatric Research</i> , 2005, 58, 53-57.	2.3	33
133	A novel flow cytometry-based method for analysis of expression levels in <i>Escherichia coli</i> , giving information about precipitated and soluble protein. <i>Journal of Biotechnology</i> , 2005, 119, 133-146.	3.8	32
134	Lipase Surface Diffusion Studied by Fluorescence Recovery after Photobleaching. <i>Langmuir</i> , 2005, 21, 11949-11956.	3.5	19
135	Modulation of Na ⁺ ,K ⁺ -ATPase activity is of importance for RVD. <i>Acta Physiologica Scandinavica</i> , 2004, 180, 329-334.	2.2	20
136	Evidence for neurogenesis in the adult mammalian substantia nigra. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7925-7930.	7.1	539
137	Recruitment of renal dopamine 1 receptors requires an intact microtubulin network. <i>Pflugers Archiv European Journal of Physiology</i> , 2003, 445, 534-539.	2.8	21
138	Cell Signaling Microdomain with Na,K-ATPase and Inositol 1,4,5-Trisphosphate Receptor Generates Calcium Oscillations. <i>Journal of Biological Chemistry</i> , 2003, 278, 50355-50361.	3.4	150
139	Neural Stem Cells: A Potential Source for Remyelination in Neuroinflammatory Disease. <i>Brain Pathology</i> , 2003, 13, 322-328.	4.1	57
140	Co-existence of heparin-binding epidermal growth factor-like growth factor and pinopodes in human endometrium at the time of implantation. <i>Molecular Human Reproduction</i> , 2002, 8, 765-769.	2.8	87
141	Selective up-regulation of dopamine D1 receptors in dendritic spines by NMDA receptor activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1661-1664.	7.1	154
142	Water permeability of aquaporin-4 is decreased by protein kinase C and dopamine. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 283, F309-F318.	2.7	168
143	Functional Integration of Adult-Born Neurons. <i>Current Biology</i> , 2002, 12, 606-608.	3.9	268
144	Role of oxidative stress in advanced glycation end product-induced mesangial cell activation. <i>Kidney International</i> , 2002, 61, 2006-2014.	5.2	121

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145	Î²-Adrenoceptor agonist sensitizes the dopamine-1 receptor in renal tubular cells. <i>Acta Physiologica Scandinavica</i> , 2002, 175, 333-340.	2.2	14
146	The newborn infant is protected by an innate antimicrobial barrier: peptide antibiotics are present in the skin and vernix caseosa. <i>British Journal of Dermatology</i> , 2002, 147, 1127-1134.	1.5	158
147	Ouabain, a steroid hormone that signals with slow calcium oscillations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 13420-13424.	7.1	260
148	<title>Method for intracellular imaging of ion concentrations using confocal microscopy and fluorophore lifetimes</title>. , 2000, , .		0
149	<title>Fluorescence lifetime imaging of pH in cells: investigation of factors influencing the pH calibration lifetime</title>. , 2000, 3921, 242.		2
150	Characterization of Probe Binding and Comparison of Its Influence on Fluorescence Lifetime of Two pH-Sensitive Benzo[c]xanthene Dyes Using Intensity-Modulated Multiple-Wavelength Scanning Technique. <i>Analytical Biochemistry</i> , 2000, 283, 104-110.	2.4	32
151	Intrarenal dopamine coordinates the effect of antinatriuretic and natriuretic factors. <i>Acta Physiologica Scandinavica</i> , 2000, 168, 215-218.	2.2	24
152	Confocal pH imaging of microscopic specimens using fluorescence lifetimes and phase fluorometry: influence of parameter choice on system performance. <i>Journal of Microscopy</i> , 2000, 199, 106-114.	1.8	32
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