

# Matthias Grimmler

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,580  
citations

566801

15  
h-index

713013

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2610  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cdk-Inhibitory Activity and Stability of p27Kip1 Are Directly Regulated by Oncogenic Tyrosine Kinases. <i>Cell</i> , 2007, 128, 269-280.	13.5	312
2	Unique Sm core structure of U7 snRNPs: assembly by a specialized SMN complex and the role of a new component, Lsm11, in histone RNA processing. <i>Genes and Development</i> , 2003, 17, 2321-2333.	2.7	188
3	Integrin-linked kinase, a novel component of the cardiac mechanical stretch sensor, controls contractility in the zebrafish heart. <i>Genes and Development</i> , 2006, 20, 2361-2372.	2.7	180
4	Nexilin mutations destabilize cardiac Z-disks and lead to dilated cardiomyopathy. <i>Nature Medicine</i> , 2009, 15, 1281-1288.	15.2	180
5	A Comprehensive Interaction Map of the Human Survival of Motor Neuron (SMN) Complex. <i>Journal of Biological Chemistry</i> , 2007, 282, 5825-5833.	1.6	123
6	RioK1, a New Interactor of Protein Arginine Methyltransferase 5 (PRMT5), Competes with pICln for Binding and Modulates PRMT5 Complex Composition and Substrate Specificity. <i>Journal of Biological Chemistry</i> , 2011, 286, 1976-1986.	1.6	120
7	Unrip, a factor implicated in cap-independent translation, associates with the cytosolic SMN complex and influences its intracellular localization. <i>Human Molecular Genetics</i> , 2005, 14, 3099-3111.	1.4	70
8	Phosphorylation regulates the activity of the SMN complex during assembly of spliceosomal U snRNPs. <i>EMBO Reports</i> , 2005, 6, 70-76.	2.0	63
9	Proteinase 3 sidesteps caspases and cleaves p21Waf1/Cip1/Sdi1 to induce endothelial cell apoptosis. <i>Kidney International</i> , 2004, 65, 75-84.	2.6	59
10	IFCC Interim Guidelines on Serological Testing of Antibodies against SARS-CoV-2. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 2001-2008.	1.4	59
11	Dephosphorylation of survival motor neurons (SMN) by PPM1G/PP2C <sup>3</sup> governs Cajal body localization and stability of the SMN complex. <i>Journal of Cell Biology</i> , 2007, 179, 451-465.	2.3	52
12	IFCC Interim Guidelines on Molecular Testing of SARS-CoV-2 Infection. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1993-2000.	1.4	46
13	IFCC Interim Guidelines on Biochemical/Hematological Monitoring of COVID-19 Patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 2009-2016.	1.4	38
14	IFCC interim guidelines on rapid point-of-care antigen testing for SARS-CoV-2 detection in asymptomatic and symptomatic individuals. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1507-1515.	1.4	37
15	Evaluation of the necessity and the feasibility of the standardization of procalcitonin measurements: Activities of IFCC WG-PCT with involvement of all stakeholders. <i>Clinica Chimica Acta</i> , 2021, 515, 111-121.	0.5	20
16	An essential role of the autophagy activating kinase ULK1 in snRNP biogenesis. <i>Nucleic Acids Research</i> , 2021, 49, 6437-6455.	6.5	10
17	PLAC1 is essential for FGF7/FGFR3b-induced Akt-mediated cancer cell proliferation. <i>Oncotarget</i> , 2020, 11, 1862-1875.	0.8	7
18	National external quality assessment and direct method comparison reflect crucial deviations of Procalcitonin measurements in Germany. <i>Clinica Chimica Acta</i> , 2022, 529, 67-75.	0.5	6

#	ARTICLE	IF	CITATIONS
19	Letter to the Editor regarding "Development of an antibody-free ID-LC MS method for the quantification of procalcitonin in human serum at sub-microgram per liter level using a peptide-based calibration". Analytical and Bioanalytical Chemistry, 2021, 413, 4917-4919.	1.9	4
20	Characterization of the Diagnostic Performance of a Novel COVID-19 PETIA in Comparison to Four Routine N-, S- and RBD-Antigen Based Immunoassays. Diagnostics, 2021, 11, 1332.	1.3	4
21	Direct glucosone-based synthesis and HILIC-ESI-MS/MS characterization of N-terminal fructosylated valine and valylhistidine for validation of enzymatic HbA1c assays in the diagnosis of diabetes mellitus. Analytical and Bioanalytical Chemistry, 2019, 411, 7967-7979.	1.9	2
22	Apolipoprotein B assay performance on the binding site Optilite® turbidimetric analyzer. Clinica Chimica Acta, 2019, 493, S21-S22.	0.5	0
23	The CDK-Inhibitor p27Kip1 links Oncogenes to Cell Cycle Control. , 0, 2007, .		0