

Rommel A Mathias

List of Publications by Year in descending order

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31
papers

3,071
citations

304602

22
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434063

31
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docs citations

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times ranked

6034
citing authors

#	ARTICLE	IF	CITATIONS
1	A Highly Specific Holin-Mediated Mechanism Facilitates the Secretion of Lethal Toxin TcsL in <i>Paenibacillus sordellii</i> . <i>Toxins</i> , 2022, 14, 124.	1.5	5
2	UL34 Deletion Restricts Human Cytomegalovirus Capsid Formation and Maturation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5773.	1.8	3
3	The host exosome pathway underpins biogenesis of the human cytomegalovirus virion. <i>ELife</i> , 2020, 9, .	2.8	27
4	<i>Clostridium sordellii</i> outer spore proteins maintain spore structural integrity and promote bacterial clearance from the gastrointestinal tract. <i>PLoS Pathogens</i> , 2018, 14, e1007004.	2.1	11
5	Herpesviruses hijack host exosomes for viral pathogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2017, 67, 91-100.	2.3	78
6	Extracellular vesicles: their role in cancer biology and epithelialâ€mesenchymal transition. <i>Biochemical Journal</i> , 2017, 474, 21-45.	1.7	81
7	Stimulatory effects of advanced glycation endproducts (AGEs) on fibronectin matrix assembly. <i>Matrix Biology</i> , 2017, 59, 39-53.	1.5	27
8	A Portrait of the Human Organelle Proteome In Space and Time during Cytomegalovirus Infection. <i>Cell Systems</i> , 2016, 3, 361-373.e6.	2.9	170
9	Identification of Sirtuin4 (SIRT4) Protein Interactions: Uncovering Candidate Acyl-Modified Mitochondrial Substrates and Enzymatic Regulators. <i>Methods in Molecular Biology</i> , 2016, 1436, 213-239.	0.4	11
10	Transformed MDCK cells secrete elevated MMP1 that generates LAMA5 fragments promoting endothelial cell angiogenesis. <i>Scientific Reports</i> , 2016, 6, 28321.	1.6	26
11	Oncogenic epithelial cell-derived exosomes containing Rac1 and PAK2 induce angiogenesis in recipient endothelial cells. <i>Oncotarget</i> , 2016, 7, 19709-19722.	0.8	56
12	Post-translational Modifications Regulate Class Ila Histone Deacetylase (HDAC) Function in Health and Disease. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 456-470.	2.5	72
13	Emerging roles of exosomes during epithelialâ€mesenchymal transition and cancer progression. <i>Seminars in Cell and Developmental Biology</i> , 2015, 40, 60-71.	2.3	190
14	YBX1/YB-1 induces partial EMT and tumourigenicity through secretion of angiogenic factors into the extracellular microenvironment. <i>Oncotarget</i> , 2015, 6, 13718-13730.	0.8	66
15	Sirtuin 4 Is a Lipoamidase Regulating Pyruvate Dehydrogenase Complex Activity. <i>Cell</i> , 2014, 159, 1615-1625.	13.5	356
16	Probing phosphorylationâ€dependent protein interactions within functional domains of histone deacetylase 5 (<sc>HDAC</sc>5). <i>Proteomics</i> , 2014, 14, 2156-2166.	1.3	13
17	Oncogenic H-Ras Reprograms Madin-Darby Canine Kidney (MDCK) Cell-derived Exosomal Proteins Following Epithelial-Mesenchymal Transition. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2148-2159.	2.5	167
18	Contribution of cells undergoing epithelialâ€mesenchymal transition to the tumour microenvironment. <i>Journal of Proteomics</i> , 2013, 78, 545-557.	1.2	41

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19	Two Distinct Populations of Exosomes Are Released from LIM1863 Colon Carcinoma Cell-derived Organoids. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 587-598.	2.5	354
20	Comparison of ultracentrifugation, density gradient separation, and immunoaffinity capture methods for isolating human colon cancer cell line LIM1863-derived exosomes. <i>Methods</i> , 2012, 56, 293-304.	1.9	943
21	Proteomic Profiling of the Epithelial-Mesenchymal Transition Using 2D DIGE. <i>Methods in Molecular Biology</i> , 2012, 854, 269-286.	0.4	4
22	Restoration of full-length APC protein in SW480 colon cancer cells induces exosome-mediated secretion of DKK1. <i>Electrophoresis</i> , 2012, 33, 1873-1880.	1.3	34
23	Triton X-114 phase separation in the isolation and purification of mouse liver microsomal membrane proteins. <i>Methods</i> , 2011, 54, 396-406.	1.9	41
24	Tandem application of cationic colloidal silica and Triton X-114 for plasma membrane protein isolation and purification: Towards developing an MDCK protein database. <i>Proteomics</i> , 2011, 11, 1238-1253.	1.3	12
25	Proteomic profiling of secretome and adherent plasma membranes from distinct mammary epithelial cell subpopulations. <i>Proteomics</i> , 2011, 11, 4029-4039.	1.3	25
26	Proteomics Profiling of Madin-Darby Canine Kidney Plasma Membranes Reveals Wnt-5a Involvement during Oncogenic H-Ras/TGF- β 2-mediated Epithelial-Mesenchymal Transition. <i>Molecular and Cellular Proteomics</i> , 2011, 10, S1-S15.	2.5	47
27	A Fluorescent Microsphere-Based Method for Assay of Multiple Analytes in Plasma. <i>Methods in Molecular Biology</i> , 2011, 728, 195-206.	0.4	11
28	Extracellular Remodelling During Oncogenic Ras-Induced Epithelial-Mesenchymal Transition Facilitates MDCK Cell Migration. <i>Journal of Proteome Research</i> , 2010, 9, 1007-1019.	1.8	54
29	Towards understanding epithelial-mesenchymal transition: A proteomics perspective. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 1325-1331.	1.1	43
30	Isolation of Extracellular Membranous Vesicles for Proteomic Analysis. <i>Methods in Molecular Biology</i> , 2009, 528, 227-242.	0.4	37
31	Secretome-Based Proteomic Profiling of Ras-Transformed MDCK Cells Reveals Extracellular Modulators of Epithelial-Mesenchymal Transition. <i>Journal of Proteome Research</i> , 2009, 8, 2827-2837.	1.8	66