

Regine Heller

List of Publications by Year in descending order

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13
papers

849
citations

1163117

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1125743

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docs citations

14
times ranked

1305
citing authors

#	ARTICLE	IF	CITATIONS
1	L-Ascorbic Acid Potentiates Endothelial Nitric Oxide Synthesis via a Chemical Stabilization of Tetrahydrobiopterin. <i>Journal of Biological Chemistry</i> , 2001, 276, 40-47.	3.4	367
2	Thrombin Activates AMP-Activated Protein Kinase in Endothelial Cells via a Pathway Involving Ca ²⁺ /Calmodulin-Dependent Protein Kinase Kinase β . <i>Molecular and Cellular Biology</i> , 2006, 26, 5933-5945.	2.3	194
3	GFAT1 phosphorylation by AMPK promotes VEGF-induced angiogenesis. <i>Biochemical Journal</i> , 2017, 474, 983-1001.	3.7	84
4	Activation of AMP-activated Protein Kinase by Vascular Endothelial Growth Factor Mediates Endothelial Angiogenesis Independently of Nitric-oxide Synthase. <i>Journal of Biological Chemistry</i> , 2010, 285, 10638-10652.	3.4	74
5	<i>Candida albicans</i> β -Glucan Differentiates Human Monocytes Into a Specific Subset of Macrophages. <i>Frontiers in Immunology</i> , 2018, 9, 2818.	4.8	38
6	VEGF Triggers Transient Induction of Autophagy in Endothelial Cells via AMPK β 1. <i>Cells</i> , 2020, 9, 687.	4.1	28
7	Hyperglycemia-induced endothelial dysfunction is alleviated by thioredoxin mimetic peptides through the restoration of VEGFR-2-induced responses and improved cell survival. <i>International Journal of Cardiology</i> , 2020, 308, 73-81.	1.7	15
8	Mapping protein carboxymethylation sites provides insights into their role in proteostasis and cell proliferation. <i>Nature Communications</i> , 2021, 12, 6743.	12.8	11
9	The role of sphingosine-1-phosphate signaling in HSV-1-infected human umbilical vein endothelial cells. <i>Virus Research</i> , 2020, 276, 197835.	2.2	10
10	Protein kinase A negatively regulates VEGF-induced AMPK activation by phosphorylating CaMKK2 at serine 495. <i>Biochemical Journal</i> , 2020, 477, 3453-3469.	3.7	10
11	Studying the Role of AMPK in Angiogenesis. <i>Methods in Molecular Biology</i> , 2018, 1732, 519-537.	0.9	6
12	Structure-function analysis of the AMPK activator SC4 and identification of a potent pan AMPK activator. <i>Biochemical Journal</i> , 2022, 479, 1181-1204.	3.7	6
13	RUNX3 Transcript Variants Have Distinct Roles in Ovarian Carcinoma and Differently Influence Platinum Sensitivity and Angiogenesis. <i>Cancers</i> , 2021, 13, 476.	3.7	5