Raymond B Birge

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2740306/publications.pdf

Version: 2024-02-01

42 papers	3,278 citations	186265 28 h-index	289244 40 g-index
42 all docs	42 docs citations	42 times ranked	4648 citing authors

#	Article	IF	Citations
1	Î±vÎ²5 integrin recruits the CrkIIâ€“Dock180â€“Rac1 complex for phagocytosis of apoptotic cells. Nature Cell Biology, 2000, 2, 899-905.	10.3	354
2	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. Frontiers in Immunology, 2015, 6, 588.	4.8	317
3	Phosphatidylserine recognition by phagocytes: a view to a kill. Trends in Cell Biology, 2006, 16, 189-197.	7.9	284
4	Crk and CrkL adaptor proteins: networks for physiological and pathological signaling. Cell Communication and Signaling, 2009, 7, 13.	6.5	228
5	A role for Mer tyrosine kinase in Î±vÎ²5 integrin-mediated phagocytosis of apoptotic cells. Journal of Cell Science, 2005, 118, 539-553.	2.0	223
6	The opsonin MFG-E8 is a ligand for the Î±vÎ²5 integrin and triggers DOCK180-dependent Rac1 activation for the phagocytosis of apoptotic cells. Experimental Cell Research, 2004, 292, 403-416.	2.6	193
7	Receptor Tyrosine Kinases, TYRO3, AXL, and MER, Demonstrate Distinct Patterns and Complex Regulation of Ligand-induced Activation. Journal of Biological Chemistry, 2014, 289, 25750-25763.	3.4	176
8	Macrophage MerTK Promotes Liver Fibrosis in Nonalcoholic Steatohepatitis. Cell Metabolism, 2020, 31, 406-421.e7.	16.2	141
9	Autophosphorylation Docking Site Tyr-867 in Mer Receptor Tyrosine Kinase Allows for Dissociation of Multiple Signaling Pathways for Phagocytosis of Apoptotic Cells and Down-modulation of Lipopolysaccharide-inducible NF-Î²B Transcriptional Activation. Journal of Biological Chemistry, 2008, 283, 3618-3627.	3.4	119
10	MerTK signaling in macrophages promotes the synthesis of inflammation resolution mediators by suppressing CaMKII activity. Science Signaling, 2018, 11, .	3.6	97
11	Phosphatidylserine Sensing by TAM Receptors Regulates AKT-Dependent Chemoresistance and PD-L1 Expression. Molecular Cancer Research, 2017, 15, 753-764.	3.4	94
12	Pan-TAM Tyrosine Kinase Inhibitor BMS-777607 Enhances Antiâ€“PD-1 mAb Efficacy in a Murine Model of Triple-Negative Breast Cancer. Cancer Research, 2019, 79, 2669-2683.	0.9	86
13	Overexpression of MERTK Receptor Tyrosine Kinase in Epithelial Cancer Cells Drives Efferocytosis in a Gain-of-Function Capacity. Journal of Biological Chemistry, 2014, 289, 25737-25749.	3.4	74
14	Requirement of Gamma-Carboxyglutamic Acid Modification and Phosphatidylserine Binding for the Activation of Tyro3, Axl, and Mertk Receptors by Growth Arrest-Specific 6. Frontiers in Immunology, 2017, 8, 1521.	4.8	67
15	Efferocytosis of dying cells differentially modulate immunological outcomes in tumor microenvironment. Immunological Reviews, 2017, 280, 149-164.	6.0	65
16	Emerging Roles for Crk in Human Cancer. Genes and Cancer, 2010, 1, 1132-1139.	1.9	58
17	Ligand Activation of TAM Family Receptors-Implications for Tumor Biology and Therapeutic Response. Cancers, 2016, 8, 107.	3.7	58
18	Contribution of Defective PS Recognition and Efferocytosis to Chronic Inflammation and Autoimmunity. Frontiers in Immunology, 2014, 5, 566.	4.8	51

#	Article	IF	Citations
19	ZEB2, a master regulator of the epithelialâ€“mesenchymal transition, mediates trophoblast differentiation. Molecular Human Reproduction, 2019, 25, 61-75.	2.8	49
20	TAM receptors in apoptotic cell clearance, autoimmunity, and cancer. Autoimmunity, 2013, 46, 294-297.	2.6	43
21	Critical role of interferons in gastrointestinal injury repair. Nature Communications, 2021, 12, 2624.	12.8	42
22	Axl and Mertk Receptors Cooperate to Promote Breast Cancer Progression by Combined Oncogenic Signaling and Evasion of Host Antitumor Immunity. Cancer Research, 2021, 81, 698-712.	0.9	37
23	Efferocytosis. Current Biology, 2016, 26, R558-R559.	3.9	36
24	Cyclophilin A promotes cell migration via the Abl-Crk signaling pathway. Nature Chemical Biology, 2016, 12, 117-123.	8.0	36
25	Small molecule inhibitors block Gas6-inducible TAM activation and tumorigenicity. Scientific Reports, 2017, 7, 43908.	3.3	35
26	Crk adaptor protein promotes PD-L1 expression, EMT and immune evasion in a murine model of triple-negative breast cancer. OncoImmunology, 2018, 7, e1376155.	4.6	34
27	A NPxY-independent Î²5 integrin activation signal regulates phagocytosis of apoptotic cells. Biochemical and Biophysical Research Communications, 2007, 364, 540-548.	2.1	32
28	Insulin-like growth factor receptor signaling in breast tumor epithelium protects cells from endoplasmic reticulum stress and regulates the tumor microenvironment. Breast Cancer Research, 2018, 20, 138.	5.0	32
29	Crk at the Quarter Century Mark: Perspectives in Signaling and Cancer. Journal of Cellular Biochemistry, 2014, 115, 819-825.	2.6	30
30	The Role of Immunological Synapse in Predicting the Efficacy of Chimeric Antigen Receptor (CAR) Immunotherapy. Cell Communication and Signaling, 2020, 18, 134.	6.5	28
31	Normalization of TAM post-receptor signaling reveals a cell invasive signature for Axl tyrosine kinase. Cell Communication and Signaling, 2016, 14, 19.	6.5	27
32	Biology of phosphatidylserine (PS): basic physiology and implications in immunology, infectious disease, and cancer. Cell Communication and Signaling, 2020, 18, 41.	6.5	26
33	Crk Tyrosine Phosphorylation Regulates PDGF-BBâ€“inducible Src Activation and Breast Tumorigenicity and Metastasis. Molecular Cancer Research, 2018, 16, 173-183.	3.4	21
34	Cell Death in the Tumor Microenvironment: Implications for Cancer Immunotherapy. Cells, 2020, 9, 2207.	4.1	21
35	Reciprocal regulation of Abl kinase by Crk Y251 and Abi1 controls invasive phenotypes in glioblastoma. Oncotarget, 2015, 6, 37792-37807.	1.8	21
36	Tyro3, Axl, and Mertk receptors differentially participate in platelet activation and thrombus formation. Cell Communication and Signaling, 2018, 16, 98.	6.5	18

#	Article	IF	Citations
37	Cyclophilin A Inhibitor Debio-025 Targets Crk, Reduces Metastasis, and Induces Tumor Immunogenicity in Breast Cancer. Molecular Cancer Research, 2020, 18, 1189-1201.	3.4	14
38	Mertk: An emerging target in cancer biology and immuno-oncology. International Review of Cell and Molecular Biology, 2022, , 35-59.	3.2	5
39	Phosphatidylserine externalization by apoptotic cells is dispensable for specific recognition leading to innate apoptotic immune responses. Journal of Biological Chemistry, 2022, 298, 102034.	3.4	4
40	Phosphatidylserine-Targeting Monoclonal Antibodies Exhibit Distinct Biochemical and Cellular Effects on Anti-CD3/CD28â€“Stimulated T Cell IFN-Î³ and TNF-Î± Production. Journal of Immunology, 2021, 207, 436-448.	0.8	1
41	The Role of Urokinase Receptor (uPAR) In Efferocytosis: uPAR Engulfs Apoptotic Cells via a Phosphatidylserine Pathway Mediated by Plasma High Molecular Weight Kininogen. Blood, 2010, 116, 929-929.	1.4	1
42	Involvement of PKC Activation in Mer Tyrosine Kinase-Mediated Phagocytosis of Apoptotic Cells.. Blood, 2005, 106, 3083-3083.	1.4	0