

Johannes A Schmid

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

8,123
citations

116194

36
h-index

54771

88
g-index

111
all docs

111
docs citations

111
times ranked

15551
citing authors

#	ARTICLE	IF	CITATIONS
1	A not so lonesome kinase secreted by platelets. <i>Blood</i> , 2022, 139, 8-9.	0.6	0
2	Extracellular Vesicles Linking Inflammation, Cancer and Thrombotic Risks. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 859863.	1.8	21
3	More than Just a Monolayer: the Multifaceted Role of Endothelial Cells in the Pathophysiology of Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2022, 24, 483-492.	2.0	29
4	Alternative activation of human macrophages enhances tissue factor expression and production of extracellular vesicles. <i>Haematologica</i> , 2021, 106, 454-463.	1.7	17
5	The inflammatory kinase IKK β phosphorylates and stabilizes c-Myc and enhances its activity. <i>Molecular Cancer</i> , 2021, 20, 16.	7.9	21
6	An Early Stage Researcher's Primer on Systems Medicine Terminology. <i>Network and Systems Medicine</i> , 2021, 4, 2-50.	2.7	9
7	Extracellular Vesicle-Associated Tissue Factor Activity in Prostate Cancer Patients with Disseminated Intravascular Coagulation. <i>Cancers</i> , 2021, 13, 1487.	1.7	17
8	Alterations of the Platelet Proteome in Lung Cancer: Accelerated F13A1 and ER Processing as New Actors in Hypercoagulability. <i>Cancers</i> , 2021, 13, 2260.	1.7	16
9	I κ B kinase 2 (IKK2) is not essential for platelet activation. <i>Atherosclerosis</i> , 2020, 315, e93.	0.4	0
10	Network and Systems Medicine: Position Paper of the European Collaboration on Science and Technology Action on Open Multiscale Systems Medicine. <i>Network and Systems Medicine</i> , 2020, 3, 67-90.	2.7	18
11	Ikk2-mediated inflammatory activation of arterial endothelial cells promotes the development and progression of atherosclerosis. <i>Atherosclerosis</i> , 2020, 307, 21-31.	0.4	9
12	A Novel FRET Approach Quantifies the Interaction Strength of Peroxisomal Targeting Signals and Their Receptor in Living Cells. <i>Cells</i> , 2020, 9, 2381.	1.8	8
13	Genetic platelet depletion is superior in platelet transfusion compared to current models. <i>Haematologica</i> , 2020, 105, 1738-1749.	1.7	9
14	I κ B kinase 2 is not essential for platelet activation. <i>Blood Advances</i> , 2020, 4, 638-643.	2.5	1
15	Genetic platelet depletion is superior in platelet transfusion compared to current models. <i>Haematologica</i> , 2020, 105, 2698-2698.	1.7	2
16	Advanced FRET normalization allows quantitative analysis of protein interactions including stoichiometries and relative affinities in living cells. <i>Scientific Reports</i> , 2019, 9, 8233.	1.6	26
17	Cell Type-Specific Roles of NF- κ B Linking Inflammation and Thrombosis. <i>Frontiers in Immunology</i> , 2019, 10, 85.	2.2	376
18	A role for miR-132 in learned safety. <i>Scientific Reports</i> , 2019, 9, 528.	1.6	18

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19	Comparative proteomics reveals unexpected quantitative phosphorylation differences linked to platelet activation state. <i>Scientific Reports</i> , 2019, 9, 19009.	1.6	14
20	Community effort endorsing multiscale modelling, multiscale data science and multiscale computing for systems medicine. <i>Briefings in Bioinformatics</i> , 2019, 20, 1057-1062.	3.2	15
21	A novel method for automated assessment of megakaryocyte differentiation and proplatelet formation. <i>Platelets</i> , 2018, 29, 357-364.	1.1	10
22	Androgen receptor dampens tissue factor expression via nuclear factor- κ B and early growth response protein 1. <i>Journal of Thrombosis and Haemostasis</i> , 2018, 16, 749-758.	1.9	7
23	κ B kinase 2 impairs platelet activation. <i>Atherosclerosis</i> , 2018, 275, e94-e95.	0.4	0
24	Neutrophil-Mediated Proteolysis of Thrombospondin-1 Promotes Platelet Adhesion and String Formation. <i>Thrombosis and Haemostasis</i> , 2018, 118, 2074-2085.	1.8	20
25	I κ B kinase 2 in atherosclerosis. <i>Atherosclerosis</i> , 2018, 275, e5.	0.4	0
26	Extracellular vesicle-associated tissue factor activity is increased in prostate cancer patients with disseminated intravascular coagulation and induced by cellular interactions in vitro. <i>Thrombosis Research</i> , 2018, 164, S230.	0.8	0
27	Myeloid but not epithelial tissue factor exerts protective anti-inflammatory effects in acid aspiration-induced acute lung injury. <i>Journal of Thrombosis and Haemostasis</i> , 2017, 15, 1625-1639.	1.9	14
28	Ccdc181 is a microtubule-binding protein that interacts with Hook1 in haploid male germ cells and localizes to the sperm tail and motile cilia. <i>European Journal of Cell Biology</i> , 2017, 96, 276-288.	1.6	33
29	Inhibition of atherogenesis by the COP9 signalosome subunit 5 in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2766-E2775.	3.3	40
30	Myeloid but not epithelial tissue factor exerts protective anti-inflammatory properties in acid aspiration-induced acute lung injury. <i>Atherosclerosis</i> , 2017, 263, e165.	0.4	0
31	Novel approach for accurate tissue-based protein colocalization and proximity microscopy. <i>Scientific Reports</i> , 2017, 7, 2668.	1.6	16
32	Fluorescence colocalization microscopy analysis can be improved by combining object recognition with pixel intensity correlation. <i>Biotechnology Journal</i> , 2017, 12, 1600332.	1.8	60
33	Colistin dampens fibrinolysis and endothelial activation during endotoxaemia. <i>Thrombosis and Haemostasis</i> , 2017, 117, 1714-1721.	1.8	11
34	Optimized plasma preparation is essential to monitor platelet-stored molecules in humans. <i>PLoS ONE</i> , 2017, 12, e0188921.	1.1	52
35	Role of endothelial I κ B kinase 2 in atherosclerosis. <i>Atherosclerosis</i> , 2017, 263, e19-e20.	0.4	0
36	Myeloid PTEN deficiency impairs tumor-immune surveillance via immune-checkpoint inhibition. <i>Onc Immunology</i> , 2016, 5, e1164918.	2.1	13

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37	Effects of chronic inflammation on megakaryocyte and platelet function in a conditional mouse model. <i>Atherosclerosis</i> , 2016, 252, e227.	0.4	2
38	Endoplasmic and exoplasmic: the evolutionary principles underlying endocytosis, exocytosis, and vesicular transport. <i>Wiener Medizinische Wochenschrift</i> , 2016, 166, 236-241.	0.5	2
39	Sequence-function correlations and dynamics of ERG isoforms. ERG8 is the black sheep of the family. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 205-218.	1.9	13
40	Opposing Roles of JNK and p38 in Lymphangiogenesis in Melanoma. <i>Journal of Investigative Dermatology</i> , 2016, 136, 967-977.	0.3	14
41	Abstract 527: Myeloid PTEN deficiency impairs tumor immune surveillance via immune checkpoint inhibition. , 2016, , .		0
42	Fluorescent Proteins as Genetically Encoded FRET Biosensors in Life Sciences. <i>Sensors</i> , 2015, 15, 26281-26314.	2.1	152
43	Addendum: Hochreiter, B.; Pardo-Garcia, A.; Schmid, J.A. Fluorescent Proteins as Genetically Encoded FRET Biosensors in Life Sciences. <i>Sensors</i> 2015, 15, 26281-26314. <i>Sensors</i> , 2015, 15, 29182-29182.	2.1	0
44	Alpha-Catulin Contributes to Drug-Resistance of Melanoma by Activating NF- κ B and AP-1. <i>PLoS ONE</i> , 2015, 10, e0119402.	1.1	20
45	Mechanistic Insights into PTS2-mediated Peroxisomal Protein Import. <i>Journal of Biological Chemistry</i> , 2015, 290, 4928-4940.	1.6	32
46	Abstract B74: PTEN-deficiency in myeloid cells alters tumor immune surveillance in a murine model of inflammation driven colon cancer. , 2015, , .		0
47	Guanylate Binding Protein 1-Mediated Interaction of T Cell Antigen Receptor Signaling with the Cytoskeleton. <i>Journal of Immunology</i> , 2014, 192, 771-781.	0.4	35
48	The complexity of NF- κ B signaling in inflammation and cancer. <i>Molecular Cancer</i> , 2013, 12, 86.	7.9	2,486
49	Endosomal trafficking of the receptor tyrosine kinase MuSK proceeds via clathrin-dependent pathways, Arp2/3 and actin. <i>FEBS Journal</i> , 2013, 280, 3281-3297.	2.2	15
50	Endothelial CSN5 impairs NF- κ B activation and monocyte adhesion to endothelial cells and is highly expressed in human atherosclerotic lesions. <i>Thrombosis and Haemostasis</i> , 2013, 110, 141-152.	1.8	25
51	Abstract 4003: Influence of extracellular calcium on MAPK signalling cascade in colon cancer cells. , 2013, , .		0
52	The Sedoheptulose Kinase CARKL Directs Macrophage Polarization through Control of Glucose Metabolism. <i>Cell Metabolism</i> , 2012, 15, 813-826.	7.2	493
53	Histone deacetylase inhibitors block IFN- γ -induced STAT1 phosphorylation. <i>Cellular Signalling</i> , 2012, 24, 1453-1460.	1.7	47
54	Combining in vivo reflectance with fluorescence confocal microscopy provides additive information on skin morphology. <i>Dermatology Practical and Conceptual</i> , 2012, 2, 3-12.	0.5	5

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55	Persistent Inflammation Leads to Proliferative Neoplasia and Loss of Smooth Muscle Cells in a Prostate Tumor Model. <i>Neoplasia</i> , 2011, 13, 692-IN17.	2.3	37
56	Some Secrets of Fluorescent Proteins: Distinct Bleaching in Various Mounting Fluids and Photoactivation of cyan fluorescent proteins at YFP-Excitation. <i>Nature Precedings</i> , 2011, , .	0.1	1
57	In vivo fluorescence confocal microscopy: indocyanine green enhances the contrast of epidermal and dermal structures. <i>Journal of Biomedical Optics</i> , 2011, 16, 096010.	1.4	12
58	Structural Requirements for Interaction of Peroxisomal Targeting Signal 2 and Its Receptor PEX7. <i>Journal of Biological Chemistry</i> , 2011, 286, 45048-45062.	1.6	49
59	Some Secrets of Fluorescent Proteins: Distinct Bleaching in Various Mounting Fluids and Photoactivation of Cyan Fluorescent Proteins at YFP-Excitation. <i>PLoS ONE</i> , 2011, 6, e18586.	1.1	35
60	Intradermal Indocyanine Green for In Vivo Fluorescence Laser Scanning Microscopy of Human Skin: A Pilot Study. <i>PLoS ONE</i> , 2011, 6, e23972.	1.1	29
61	Crosstalk between the NF- κ B activating IKK complex and the CSN signalosome. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 1555-1568.	1.6	26
62	Functional Remodeling of Benign Human Prostatic Tissues <i><i>In Vivo</i></i> by Spontaneously Immortalized Progenitor and Intermediate Cells. <i>Stem Cells</i> , 2010, 28, 344-356.	1.4	68
63	Interaction of the TNFR-receptor associated factor TRAF1 with I-kappa B kinase 2 (IKK2, IKK-beta, IKKB) and TRAF2 indicating a dose dependent regulatory function of TRAF1 for NF-kappa B signaling. <i>Nature Precedings</i> , 2010, , .	0.1	0
64	Interaction of the TNFR-Receptor Associated Factor TRAF1 with I-kappa B Kinase-2 and TRAF2 Indicates a Regulatory Function for NF-kappa B Signaling. <i>Nature Precedings</i> , 2010, , .	0.1	1
65	CFP and YFP photostabilities are differentially affected by common mounting fluids. <i>Nature Precedings</i> , 2010, , .	0.1	0
66	Interaction of the TNFR-Receptor Associated Factor TRAF1 with I-Kappa B Kinase-2 and TRAF2 Indicates a Regulatory Function for NF-Kappa B Signaling. <i>PLoS ONE</i> , 2010, 5, e12683.	1.1	24
67	A Probasin- κ MerCreMer BAC allows inducible recombination in the mouse prostate. <i>Genesis</i> , 2009, 47, 757-764.	0.8	15
68	$\hat{\pm}$ -Catulin, a Rho signalling component, can regulate NF- $\hat{\rho}$ B through binding to IKK- $\hat{\rho}$ 2, and confers resistance to apoptosis. <i>Oncogene</i> , 2008, 27, 2159-2169.	2.6	41
69	Peptide-Based Interactions with Calnexin Target Misassembled Membrane Proteins into Endoplasmic Reticulum-Derived Multilamellar Bodies. <i>Journal of Molecular Biology</i> , 2008, 378, 337-352.	2.0	34
70	$\hat{\rho}$ B kinase $\hat{\rho}$ 2 (IKK $\hat{\rho}$ 2/IKK2/IKKB) - A key molecule in signaling to the transcription factor NF- $\hat{\rho}$ B. <i>Cytokine and Growth Factor Reviews</i> , 2008, 19, 157-165.	3.2	205
71	Leukemic challenge unmasks a requirement for PI3K $\hat{\rho}$ in NK cell-mediated tumor surveillance. <i>Blood</i> , 2008, 112, 4655-4664.	0.6	48
72	Concentrative Export from the Endoplasmic Reticulum of the $\hat{\rho}$ 3-Aminobutyric Acid Transporter 1 Requires Binding to SEC24D. <i>Journal of Biological Chemistry</i> , 2007, 282, 7679-7689.	1.6	93

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73	Fluorescent proteins and fluorescence resonance energy transfer (FRET) as tools in signaling research. <i>Thrombosis and Haemostasis</i> , 2007, 97, 378-384.	1.8	16
74	Fluorescent proteins and fluorescence resonance energy transfer (FRET) as tools in signaling research. <i>Thrombosis and Haemostasis</i> , 2007, 97, 378-84.	1.8	5
75	BMS-345541 Targets Inhibitor of $\hat{\text{I}}^{\text{B}}$ Kinase and Induces Apoptosis in Melanoma: Involvement of Nuclear Factor $\hat{\text{I}}^{\text{B}}$ and Mitochondria Pathways. <i>Clinical Cancer Research</i> , 2006, 12, 950-960.	3.2	160
76	Selective inhibitors of vitamin D metabolism--new concepts and perspectives. <i>Anticancer Research</i> , 2006, 26, 2653-68.	0.5	25
77	Interaction of U-box E3 ligase SNEV with PSMB4, the $\hat{\text{I}}^{27}$ subunit of the 20ÅS proteasome. <i>Biochemical Journal</i> , 2005, 388, 593-603.	1.7	54
78	Evolutions in Science Triggered by Green Fluorescent Protein (GFP). <i>ChemBioChem</i> , 2005, 6, 1149-1156.	1.3	27
79	Cytosolic, nuclear and nucleolar localization signals determine subcellular distribution and activity of the NF- $\hat{\text{I}}^{\text{B}}$ inducing kinase NIK. <i>Journal of Cell Science</i> , 2004, 117, 3615-3624.	1.2	74
80	Identification of an Additional Interaction Domain in Transmembrane Domains 11 and 12 That Supports Oligomer Formation in the Human Serotonin Transporter. <i>Journal of Biological Chemistry</i> , 2004, 279, 6650-6657.	1.6	95
81	A highly conserved proapoptotic gene, IKIP, located next to the APAF1 gene locus, is regulated by p53. <i>Cell Death and Differentiation</i> , 2004, 11, 1317-1325.	5.0	38
82	Application of spectral imaging microscopy in cytomics and fluorescence resonance energy transfer (FRET) analysis. <i>Cytometry</i> , 2004, 59A, 172-181.	1.8	70
83	Cover the eyes of Lady Justice. <i>EMBO Reports</i> , 2003, 4, 734-736.	2.0	2
84	Homotypic and heterotypic interactions of EWS, FLI1 and their oncogenic fusion protein. <i>Oncogene</i> , 2003, 22, 6819-6829.	2.6	53
85	Genomics and proteomics in cancer. <i>European Journal of Cancer</i> , 2003, 39, 1199-1215.	1.3	94
86	Caspase-mediated Cleavage Converts the Tumor Necrosis Factor (TNF) Receptor-associated Factor (TRAF)-1 from a Selective Modulator of TNF Receptor Signaling to a General Inhibitor of NF- $\hat{\text{I}}^{\text{B}}$ Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 29216-29230.	1.6	40
87	Fluorescence resonance energy transfer in the study of cancer pathways. <i>Current Opinion in Oncology</i> , 2003, 15, 55-64.	1.1	42
88	Direct binding of Nur77/NAK-1 to the plasminogen activator inhibitor 1 (PAI-1) promoter regulates TNF $\hat{\text{I}}^{\text{B}}$ -induced PAI-1 expression. <i>Blood</i> , 2003, 101, 3042-3048.	0.6	88
89	GM-CSF activates NF- $\hat{\text{I}}^{\text{B}}$ via direct interaction of the GM-CSF receptor with $\hat{\text{I}}^{\text{B}}$ kinase $\hat{\text{I}}^2$. <i>Blood</i> , 2003, 102, 192-199.	0.6	67
90	Signaling Molecules of the NF- $\hat{\text{I}}^{\text{B}}$ Pathway Shuttle Constitutively between Cytoplasm and Nucleus. <i>Journal of Biological Chemistry</i> , 2002, 277, 10842-10851.	1.6	257

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91	Apoptotic crosstalk of TNF receptors: TNF-R2-induces depletion of TRAF2 and IAP proteins and accelerates TNF-R1-dependent activation of caspase-8. <i>Journal of Cell Science</i> , 2002, 115, 2757-2770.	1.2	227
92	Impact of oligomerization on the function of the human serotonin transporter. <i>Biochemical Society Transactions</i> , 2001, 29, 732-736.	1.6	26
93	Adenovirus-mediated expression of a mutant I κ B kinase 2 inhibits the response of endothelial cells to inflammatory stimuli. <i>Blood</i> , 2001, 97, 1611-1617.	0.6	78
94	The Ras-like GTPase Gem is involved in cell shape remodelling and interacts with the novel kinesin-like protein KIF9. <i>EMBO Journal</i> , 2001, 20, 4076-4087.	3.5	73
95	Oligomerization of the Human Serotonin Transporter and of the Rat GABA Transporter 1 Visualized by Fluorescence Resonance Energy Transfer Microscopy in Living Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 3805-3810.	1.6	176
96	Impact of oligomerization on the function of the human serotonin transporter. <i>Biochemical Society Transactions</i> , 2001, 29, 732-6.	1.6	8
97	Dynamics of NF κ B and I κ B α Studied with Green Fluorescent Protein (GFP) Fusion Proteins. <i>Journal of Biological Chemistry</i> , 2000, 275, 17035-17042.	1.6	77
98	Activation of NF- κ B by XIAP, the X Chromosome-linked Inhibitor of Apoptosis, in Endothelial Cells Involves TAK1. <i>Journal of Biological Chemistry</i> , 2000, 275, 22064-22068.	1.6	200
99	The Transcription Factor NF- κ B and the Regulation of Vascular Cell Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, E83-8.	1.1	325
100	Accumulation of Sialic Acid in Endocytic Compartments Interferes with the Formation of Mature Lysosomes. <i>Journal of Biological Chemistry</i> , 1999, 274, 19063-19071.	1.6	36
101	The NF- κ B/Rel family of transcription factors in oncogenic transformation and apoptosis. <i>Mutation Research - Reviews in Mutation Research</i> , 1999, 437, 231-243.	2.4	74
102	In vitro fusion of tissue-derived endosomes and lysosomes. <i>European Journal of Cell Biology</i> , 1998, 77, 166-174.	1.6	6
103	Localization of the Human I κ B kinase- β (IKKB) to Chromosome 8p11.2 by Fluorescence in Situ Hybridization and Radiation Hybrid Mapping. <i>Genomics</i> , 1998, 54, 575.	1.3	4
104	Nuclear Factor (NF)- κ B α regulated X-chromosome linked iap Gene Expression Protects Endothelial Cells from Tumor Necrosis Factor α induced Apoptosis. <i>Journal of Experimental Medicine</i> , 1998, 188, 211-216.	4.2	609
105	Simple Method for High Sensitivity Chemiluminescence ELISA Using Conventional Laboratory Equipment. <i>BioTechniques</i> , 1997, 22, 278-280.	0.8	16
106	The acidic environment in endocytic compartments. <i>Biochemical Journal</i> , 1994, 303, 679-680.	1.7	4
107	Endosome maturation: Insights from somatic cell genetics and cell-free analysis. <i>Biochemical Society Transactions</i> , 1993, 21, 716-720.	1.6	8
108	Combining in vivo reflectance with fluorescence confocal microscopy provides additive information on skin morphology. <i>Dermatology Practical and Conceptual</i> , 0, , 3-12.	0.5	7