

# Eva-Maria Krämer-Albers

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

18,653  
citations

101496

36  
h-index

143943

57  
g-index

74  
all docs

74  
docs citations

74  
times ranked

22985  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	5.5	6,961
2	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 27066.	5.5	3,973
3	Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. <i>PLoS Biology</i> , 2012, 10, e1001450.	2.6	1,064
4	Applying extracellular vesicles based therapeutics in clinical trials – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 30087.	5.5	1,020
5	Neurotransmitter-Triggered Transfer of Exosomes Mediates Oligodendrocyte–Neuron Communication. <i>PLoS Biology</i> , 2013, 11, e1001604.	2.6	663
6	Oligodendrocytes secrete exosomes containing major myelin and stress-protective proteins: Trophic support for axons?. <i>Proteomics - Clinical Applications</i> , 2007, 1, 1446-1461.	0.8	423
7	Extracellular vesicles as mediators of neuron-glia communication. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 182.	1.8	298
8	Assembly of Myelin by Association of Proteolipid Protein with Cholesterol- and Galactosylceramide-Rich Membrane Domains. <i>Journal of Cell Biology</i> , 2000, 151, 143-154.	2.3	264
9	Physical exercise induces rapid release of small extracellular vesicles into the circulation. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 28239.	5.5	238
10	Lines of Murine Oligodendroglial Precursor Cells Immortalized by an Activatedneutrosine Kinase Show Distinct Degrees of Interaction with AxonsIn VitroandIn Vivo. <i>European Journal of Neuroscience</i> , 1995, 7, 1245-1265.	1.2	233
11	Multifaceted effects of oligodendroglial exosomes on neurons: impact on neuronal firing rate, signal transduction and gene regulation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130510.	1.8	232
12	Process Outgrowth of Oligodendrocytes Is Promoted by Interaction of Fyn Kinase with the Cytoskeletal Protein Tau. <i>Journal of Neuroscience</i> , 2002, 22, 698-707.	1.7	226
13	Emerging Roles of Exosomes in Neuron–Glia Communication. <i>Frontiers in Physiology</i> , 2012, 3, 119.	1.3	225
14	Emerging Roles of Extracellular Vesicles in the Nervous System. <i>Journal of Neuroscience</i> , 2014, 34, 15482-15489.	1.7	219
15	Compartmentation of Fyn Kinase with Glycosylphosphatidylinositol-anchored Molecules in Oligodendrocytes Facilitates Kinase Activation during Myelination. <i>Journal of Biological Chemistry</i> , 1999, 274, 29042-29049.	1.6	198
16	Activation of oligodendroglial Fyn kinase enhances translation of mRNAs transported in hnRNP A2–dependent RNA granules. <i>Journal of Cell Biology</i> , 2008, 181, 579-586.	2.3	168
17	Platelets, endothelial cells and leukocytes contribute to the exercise-triggered release of extracellular vesicles into the circulation. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1615820.	5.5	163
18	The power of imaging to understand extracellular vesicle biology in vivo. <i>Nature Methods</i> , 2021, 18, 1013-1026.	9.0	163

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19	Overexpression of the myelin proteolipid protein leads to accumulation of cholesterol and proteolipid protein in endosomes/lysosomes. <i>Journal of Cell Biology</i> , 2002, 157, 327-336.	2.3	154
20	Oligodendrocytes Direct Glycosyl Phosphatidylinositol-anchored Proteins to the Myelin Sheath in Glycosphingolipid-rich Complexes. <i>Journal of Biological Chemistry</i> , 1997, 272, 8937-8945.	1.6	108
21	Glial Promoter Selectivity following AAV-Delivery to the Immature Brain. <i>PLoS ONE</i> , 2013, 8, e65646.	1.1	108
22	Extracellular vesicles: interneural shuttles of complex messages. <i>Current Opinion in Neurobiology</i> , 2016, 39, 101-107.	2.0	103
23	From axon-glia signalling to myelination: the integrating role of oligodendroglial Fyn kinase. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 2003-2012.	2.4	100
24	Oligodendrocytes Provide Antioxidant Defense Function for Neurons by Secreting Ferritin Heavy Chain. <i>Cell Metabolism</i> , 2020, 32, 259-272.e10.	7.2	98
25	Cholesterol Regulates the Endoplasmic Reticulum Exit of the Major Membrane Protein PO Required for Peripheral Myelin Compaction. <i>Journal of Neuroscience</i> , 2009, 29, 6094-6104.	1.7	92
26	A critical role for the cholesterol-associated proteolipids PLP and M6B in myelination of the central nervous system. <i>Glia</i> , 2013, 61, 567-586.	2.5	91
27	Oligodendrocytes support axonal transport and maintenance via exosome secretion. <i>PLoS Biology</i> , 2020, 18, e3000621.	2.6	85
28	Membrane traffic in myelinating oligodendrocytes. <i>Microscopy Research and Technique</i> , 2001, 52, 656-671.	1.2	83
29	Axon-glia interaction and membrane traffic in myelin formation. <i>Frontiers in Cellular Neuroscience</i> , 2014, 7, 284.	1.8	82
30	Distinct endocytic recycling of myelin proteins promotes oligodendroglial membrane remodeling. <i>Journal of Cell Science</i> , 2008, 121, 834-842.	1.2	80
31	Transport of the Major Myelin Proteolipid Protein Is Directed by VAMP3 and VAMP7. <i>Journal of Neuroscience</i> , 2011, 31, 5659-5672.	1.7	78
32	Perturbed Interactions of Mutant Proteolipid Protein/DM20 with Cholesterol and Lipid Rafts in Oligodendroglia: Implications for Dysmyelination in Spastic Paraplegia. <i>Journal of Neuroscience</i> , 2006, 26, 11743-11752.	1.7	71
33	Release of bulk cell-free DNA during physical exercise occurs independent of extracellular vesicles. <i>European Journal of Applied Physiology</i> , 2015, 115, 2271-2280.	1.2	60
34	Heterogeneous Nuclear Ribonucleoprotein (hnRNP) F Is a Novel Component of Oligodendroglial RNA Transport Granules Contributing to Regulation of Myelin Basic Protein (MBP) Synthesis. <i>Journal of Biological Chemistry</i> , 2012, 287, 1742-1754.	1.6	51
35	Serum-free media supplements carry miRNAs that co-purify with extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1656042.	5.5	51
36	Extracellular Vesicles in neural cell interaction and CNS homeostasis. <i>FASEB BioAdvances</i> , 2021, 3, 577-592.	1.3	45

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37	Comprehensive analysis of expression, subcellular localization, and cognate pairing of SNARE proteins in oligodendrocytes. <i>Journal of Neuroscience Research</i> , 2009, 87, 1760-1772.	1.3	37
38	Î²1-Integrin and KV1.3 channel dependent signaling stimulates glutamate release from Th17 cells. <i>Journal of Clinical Investigation</i> , 2020, 130, 715-732.	3.9	32
39	Non-Invasive Approach for Evaluation of Pulmonary Hypertension Using Extracellular Vesicle-Associated Small Non-Coding RNA. <i>Biomolecules</i> , 2019, 9, 666.	1.8	30
40	Cell motility and migration as determinants of stem cell efficacy. <i>EBioMedicine</i> , 2020, 60, 102989.	2.7	26
41	The NG2 Proteoglycan Protects Oligodendrocyte Precursor Cells against Oxidative Stress via Interaction with OMI/HtrA2. <i>PLoS ONE</i> , 2015, 10, e0137311.	1.1	26
42	Exosomes deliver ROS for regeneration. <i>Nature Cell Biology</i> , 2018, 20, 225-226.	4.6	25
43	Kinetics and Topology of DNA Associated with Circulating Extracellular Vesicles Released during Exercise. <i>Genes</i> , 2021, 12, 522.	1.0	23
44	Bardet-Biedl syndrome proteins modulate the release of bioactive extracellular vesicles. <i>Nature Communications</i> , 2021, 12, 5671.	5.8	23
45	International Society for Extracellular Vesicles: first annual meeting, April 17-21, 2012: ISEV-2012. <i>Journal of Extracellular Vesicles</i> , 2012, 1, 19995.	5.5	22
46	Extracellular vesicles in the oligodendrocyte microenvironment. <i>Neuroscience Letters</i> , 2020, 725, 134915.	1.0	20
47	Extracellular Vesicles at CNS barriers: Mode of action. <i>Current Opinion in Neurobiology</i> , 2022, 75, 102569.	2.0	15
48	GPI-Anchored Proteins and Glycosphingolipid-Rich Rafts: Platforms for Adhesion and Signaling. <i>Neuroscientist</i> , 2000, 6, 271-284.	2.6	14
49	Dual role of the RNA helicase DDX5 in post-transcriptional regulation of Myelin Basic Protein in oligodendrocytes. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	14
50	Considerations for the Analysis of Small Extracellular Vesicles in Physical Exercise. <i>Frontiers in Physiology</i> , 2020, 11, 576150.	1.3	14
51	Ticket to Ride: Targeting Proteins to Exosomes for Brain Delivery. <i>Molecular Therapy</i> , 2017, 25, 1264-1266.	3.7	11
52	Extracellular Vesicles: Goodies for the Brain?. <i>Neuropsychopharmacology</i> , 2016, 41, 371-372.	2.8	10
53	Modulating endothelial adhesion and migration impacts stem cell therapies efficacy. <i>EBioMedicine</i> , 2020, 60, 102987.	2.7	10
54	Progressive axonopathy when oligodendrocytes lack the myelin protein CMTM5. <i>ELife</i> , 2022, 11, .	2.8	9

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55	Novel pluripotential neural progenitor lines exhibiting rapid controlled differentiation to neurotransmitter receptor-expressing neurons and glia. <i>European Journal of Neuroscience</i> , 1998, 10, 3246-3256.	1.2	6
56	Superfood for axons: Glial exosomes boost axonal energetics by delivery of SIRT2. <i>Neuron</i> , 2021, 109, 3397-3400.	3.8	4
57	Delivery on call: exosomes as "care packages" from glial cells for stressed neurons. <i>E-Neuroforum</i> , 2013, 19, 85-91.	0.2	1
58	Lieferung auf Abruf: Exosomen als "Care"-Pakete von Gliazellen für gestresste Neurone. <i>E-Neuroforum</i> , 2013, 19, 146-155.	0.2	0
59	Origin of Extracellular Vesicles Released During Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 654-654.	0.2	0
60	Association Of Circulating Cell-free Dna Released During Physical Exercise With Extracellular Vesicles. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 576-576.	0.2	0
61	"Brainstorming" Extracellular Vesicles in Physical Activity and Neuronal Health. <i>Trillium Extracellular Vesicles</i> , 2020, 2, 54-59.	0.1	0
62	Meeting report of the 4th autumn meeting of the German Society of Extracellular Vesicles (GSEV): cutting edge EV research driven by young scientists. , 0, , .		0
63	Oligodendrocytes support axonal transport and maintenance via exosome secretion. , 2020, 18, e3000621.		0
64	Oligodendrocytes support axonal transport and maintenance via exosome secretion. , 2020, 18, e3000621.		0
65	Oligodendrocytes support axonal transport and maintenance via exosome secretion. , 2020, 18, e3000621.		0
66	Oligodendrocytes support axonal transport and maintenance via exosome secretion. , 2020, 18, e3000621.		0
67	Oligodendrocytes support axonal transport and maintenance via exosome secretion. , 2020, 18, e3000621.		0
68	Oligodendrocytes support axonal transport and maintenance via exosome secretion. , 2020, 18, e3000621.		0
69	Oligodendrocytes support axonal transport and maintenance via exosome secretion. , 2020, 18, e3000621.		0
70	Oligodendrocytes support axonal transport and maintenance via exosome secretion. , 2020, 18, e3000621.		0