Joy Wolfram

List of Publications by Citations

65 papers	6,909 citations	34 h-index	71 g-index
71 ext. papers	9,423 ext. citations	10 avg, IF	6.07 L-index

#	Paper	IF	Citations
65	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. *Journal of Extracellular Vesicles*, **2018**, 7, 1535750	16.4	3642
64	Safety of Nanoparticles in Medicine. *Current Drug Targets*, **2015**, 16, 1671-81	3	260
63	Clinical Cancer Nanomedicine. *Nano Today*, **2019**, 25, 85-98	17.9	200
62	Insights from nanomedicine into chloroquine efficacy against COVID-19. *Nature Nanotechnology*, **2020**, 15, 247-249	28.7	183
61	Tangential Flow Filtration for Highly Efficient Concentration of Extracellular Vesicles from Large Volumes of Fluid. *Cells*, **2018**, 7,	7.9	142
60	The nano-plasma interface: Implications of the protein corona. *Colloids and Surfaces B: Biointerfaces* , **2014**, 124, 17-24	6	135
59	Cyclodextrin and polyethylenimine functionalized mesoporous silica nanoparticles for delivery of siRNA cancer therapeutics. *Theranostics*, **2014**, 4, 487-97	12.1	135
58	Extracellular vesicle-based drug delivery systems for cancer treatment. *Theranostics*, **2019**, 9, 8001-8017	12.1	118
57	Polyethylene glycol (PEG)-dendron phospholipids as innovative constructs for the preparation of super stealth liposomes for anticancer therapy. *Journal of Controlled Release*, **2015**, 199, 106-13	11.7	100
56	Anticancer activity of liposomal bergamot essential oil (BEO) on human neuroblastoma cells. *Colloids and Surfaces B: Biointerfaces*, **2013**, 112, 548-53	6	97
55	On the issue of transparency and reproducibility in nanomedicine. *Nature Nanotechnology*, **2019**, 14, 629-635	28.7	92
54	High capacity nanoporous silicon carrier for systemic delivery of gene silencing therapeutics. *ACS Nano*, **2013**, 7, 9867-80	16.7	91
53	A Liposome Encapsulated Ruthenium Polypyridine Complex as a Theranostic Platform for Triple-Negative Breast Cancer. *Nano Letters*, **2017**, 17, 2913-2920	11.5	85
52	Multifunctional gold nanorods for siRNA gene silencing and photothermal therapy. *Advanced Healthcare Materials*, **2014**, 3, 1629-37	10.1	85
51	A chloroquine-induced macrophage-preconditioning strategy for improved nanodelivery. *Scientific Reports*, **2017**, 7, 13738	4.9	80
50	Shrinkage of pegylated and non-pegylated liposomes in serum. *Colloids and Surfaces B: Biointerfaces*, **2014**, 114, 294-300	6	79
49	Targeting the thyroid gland with thyroid-stimulating hormone (TSH)-nanoliposomes. *Biomaterials*, **2014**, 35, 7101-9	15.6	74

48	Hesperetin impairs glucose uptake and inhibits proliferation of breast cancer cells. *Cell Biochemistry and Function*, **2013**, 31, 374-9	4.2	72
47	Evaluation of anticancer activity of celastrol liposomes in prostate cancer cells. *Journal of Microencapsulation*, **2014**, 31, 501-7	3.4	64
46	The solid progress of nanomedicine. *Drug Delivery and Translational Research*, **2020**, 10, 726-729	6.2	60
45	Contribution of Kupffer cells to liposome accumulation in the liver. *Colloids and Surfaces B: Biointerfaces*, **2017**, 158, 356-362	6	57
44	Liposomal chemotherapeutics. *Future Oncology*, **2013**, 9, 1849-59	3.6	55
43	Polyethylenimine and chitosan carriers for the delivery of RNA interference effectors. *Expert Opinion on Drug Delivery*, **2013**, 10, 1653-68	8	54
42	Extracellular vesicle therapeutics for liver disease. *Journal of Controlled Release*, **2018**, 273, 86-98	11.7	52
41	Multi-step encapsulation of chemotherapy and gene silencing agents in functionalized mesoporous silica nanoparticles. *Nanoscale*, **2017**, 9, 5329-5341	7.7	46
40	Multistage vector (MSV) therapeutics. *Journal of Controlled Release*, **2015**, 219, 406-415	11.7	46
39	Organotropic drug delivery: Synthetic nanoparticles and extracellular vesicles. *Biomedical Microdevices*, **2019**, 21, 46	3.7	41
38	Recent Advances in Discovering the Role of CCL5 in Metastatic Breast Cancer. *Mini-Reviews in Medicinal Chemistry*, **2015**, 15, 1063-72	3.2	38
37	Extracellular Vesicles in Cancer Detection: Hopes and Hypes. *Trends in Cancer*, **2021**, 7, 122-133	12.5	38
36	Post-nano strategies for drug delivery: Multistage porous silicon microvectors. *Journal of Materials Chemistry B*, **2017**, 5, 207-219	7.3	37
35	A Micro/Nano Composite for Combination Treatment of Melanoma Lung Metastasis. *Advanced Healthcare Materials*, **2016**, 5, 936-46	10.1	37
34	A Novel DNA Aptamer for Dual Targeting of Polymorphonuclear Myeloid-derived Suppressor Cells and Tumor Cells. *Theranostics*, **2018**, 8, 31-44	12.1	36
33	Enzyme-responsive multistage vector for drug delivery to tumor tissue. *Pharmacological Research*, **2016**, 113, 92-99	10.2	34
32	Connective tissue growth factor stimulates the proliferation, migration and differentiation of lung fibroblasts during paraquat-induced pulmonary fibrosis. *Molecular Medicine Reports*, **2015**, 12, 1091-7	2.9	33
31	Chloroquine and nanoparticle drug delivery: A promising combination. *Pharmacology & Therapeutics* , **2018**, 191, 43-49	13.9	33

30	Taking the vehicle out of drug delivery. *Materials Today*, **2017**, 20, 95-97	21.8	32
29	Multistage vector delivery of sulindac and silymarin for prevention of colon cancer. *Colloids and Surfaces B: Biointerfaces*, **2015**, 136, 694-703	6	31
28	Label-Free Isothermal Amplification Assay for Specific and Highly Sensitive Colorimetric miRNA Detection. *ACS Omega*, **2016**, 1, 448-455	3.9	31
27	Hesperetin: an inhibitor of the transforming growth factor-(TGF-) signaling pathway. *European Journal of Medicinal Chemistry*, **2012**, 58, 390-5	6.8	30
26	Strategies for improving drug delivery: nanocarriers and microenvironmental priming. *Expert Opinion on Drug Delivery*, **2017**, 14, 865-877	8	29
25	Hesperetin Liposomes for Cancer Therapy. *Current Drug Delivery*, **2016**, 13, 711-9	3.2	29
24	Adipose-derived cellular and cell-derived regenerative therapies in dermatology and aesthetic rejuvenation. *Ageing Research Reviews*, **2019**, 54, 100933	12	28
23	Lipoprotein-based drug delivery. *Advanced Drug Delivery Reviews*, **2020**, 159, 377-390	18.5	24
22	Adipose-Derived Biogenic Nanoparticles for Suppression of Inflammation. *Small*, **2020**, 16, e1904064	11	22
21	Porous silicon microparticles for delivery of siRNA therapeutics. *Journal of Visualized Experiments*, **2015**, 52075	1.6	22
20	Chemotherapy Sensitizes Therapy-Resistant Cells to Mild Hyperthermia by Suppressing Heat Shock Protein 27 Expression in Triple-Negative Breast Cancer. *Clinical Cancer Research*, **2018**, 24, 4900-4912	12.9	16
19	Polyarginine induces an antitumor immune response through binding to toll-like receptor 4. *Small*, **2014**, 10, 1250-4	11	16
18	Brain metastases-derived extracellular vesicles induce binding and aggregation of low-density lipoprotein. *Journal of Nanobiotechnology*, **2020**, 18, 162	9.4	14
17	Extracellular vesicles for treatment of solid organ ischemia-reperfusion injury. *American Journal of Transplantation*, **2020**, 20, 3294-3307	8.7	14
16	Protective effects of intestinal trefoil factor (ITF) on gastric mucosal epithelium through activation of extracellular signal-regulated kinase 1/2 (ERK1/2). *Molecular and Cellular Biochemistry*, **2015**, 404, 263-70	4.2	11
15	Extracellular vesicle therapeutics from plasma and adipose tissue. *Nano Today*, **2021**, 39, 101159-101159	17.9	10
14	A Simple and Quick Method for Loading Proteins in Extracellular Vesicles. *Pharmaceuticals*, **2021**, 14,	5.2	9
13	Differences in the aerobic capacity of flight muscles between butterfly populations and species with dissimilar flight abilities. *PLoS ONE*, **2014**, 9, e78069	3.7	8

List of Publications

12	Systematic comparison of methods for determining the in vivo biodistribution of porous nanostructured injectable inorganic particles. *Acta Biomaterialia*, **2019**, 97, 501-512	10.8	7
11	Glycan Node Analysis of Plasma-Derived Extracellular Vesicles. *Cells*, **2020**, 9,	7.9	6
10	A pyruvate decarboxylase-mediated therapeutic strategy for mimicking yeast metabolism in cancer cells. *Pharmacological Research*, **2016**, 111, 413-421	10.2	6
9	Live-cell single-molecule imaging reveals clathrin and caveolin-1 dependent docking of SMAD4 at the cell membrane. *FEBS Letters*, **2013**, 587, 3912-20	3.8	4
8	Advances in Nanotechnology-Based Drug Delivery Platforms and Novel Drug Delivery Systems **2015**, 41-58		3
7	Extracellular vesicle glucose transporter-1 and glycan features in monocyte-endothelial inflammatory interactions.. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2022**, 102515	6	3
6	Considerations for extracellular vesicle and lipoprotein interactions in cell culture assays.. *Journal of Extracellular Vesicles*, **2022**, 11, e12202	16.4	3
5	Education and Outreach in Physical Sciences in Oncology. *Trends in Cancer*, **2021**, 7, 3-9	12.5	2
4	Mechanistic features of nanodiamonds in the lapping of magnetic heads. *Scientific World Journal, The*, **2014**, 2014, 326427	2.2	1
3	The impact of lubricants on the precision lapping process. *Microscopy and Microanalysis*, **2014**, 20, 1708-14	3.5	1
2	Effects of Adipose-Derived Biogenic Nanoparticle-Associated microRNA-451a on Toll-like Receptor 4-Induced Cytokines.. *Pharmaceutics*, **2021**, 14,	6.4	1
1	Nanomedicine Activities in the United States and Worldwide **2016**, 21-50		