

Joy Wolfram

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

11,851
citations

81743

39
h-index

106150

65
g-index

71
all docs

71
docs citations

71
times ranked

18840
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	Safety of Nanoparticles in Medicine. <i>Current Drug Targets</i> , 2015, 16, 1671-1681.	1.0	384
3	Clinical cancer nanomedicine. <i>Nano Today</i> , 2019, 25, 85-98.	6.2	324
4	Tangential Flow Filtration for Highly Efficient Concentration of Extracellular Vesicles from Large Volumes of Fluid. <i>Cells</i> , 2018, 7, 273.	1.8	262
5	Extracellular vesicle-based drug delivery systems for cancer treatment. <i>Theranostics</i> , 2019, 9, 8001-8017.	4.6	252
6	Insights from nanomedicine into chloroquine efficacy against COVID-19. <i>Nature Nanotechnology</i> , 2020, 15, 247-249.	15.6	250
7	Extracellular vesicles versus synthetic nanoparticles for drug delivery. <i>Nature Reviews Materials</i> , 2021, 6, 103-106.	23.3	175
8	Cyclodextrin and Polyethylenimine Functionalized Mesoporous Silica Nanoparticles for Delivery of siRNA Cancer Therapeutics. <i>Theranostics</i> , 2014, 4, 487-497.	4.6	161
9	The nano-plasma interface: Implications of the protein corona. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 124, 17-24.	2.5	155
10	On the issue of transparency and reproducibility in nanomedicine. <i>Nature Nanotechnology</i> , 2019, 14, 629-635.	15.6	149
11	Polyethylene glycol (PEG)-dendron phospholipids as innovative constructs for the preparation of super stealth liposomes for anticancer therapy. <i>Journal of Controlled Release</i> , 2015, 199, 106-113.	4.8	125
12	Anticancer activity of liposomal bergamot essential oil (BEO) on human neuroblastoma cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 112, 548-553.	2.5	122
13	High Capacity Nanoporous Silicon Carrier for Systemic Delivery of Gene Silencing Therapeutics. <i>ACS Nano</i> , 2013, 7, 9867-9880.	7.3	110
14	A Liposome Encapsulated Ruthenium Polypyridine Complex as a Theranostic Platform for Triple-Negative Breast Cancer. <i>Nano Letters</i> , 2017, 17, 2913-2920.	4.5	107
15	A chloroquine-induced macrophage-preconditioning strategy for improved nanodelivery. <i>Scientific Reports</i> , 2017, 7, 13738.	1.6	105
16	Hesperetin impairs glucose uptake and inhibits proliferation of breast cancer cells. <i>Cell Biochemistry and Function</i> , 2013, 31, 374-379.	1.4	97
17	Multifunctional Gold Nanorods for siRNA Gene Silencing and Photothermal Therapy. <i>Advanced Healthcare Materials</i> , 2014, 3, 1629-1637.	3.9	97
18	Shrinkage of pegylated and non-pegylated liposomes in serum. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 294-300.	2.5	96

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19	The solid progress of nanomedicine. <i>Drug Delivery and Translational Research</i> , 2020, 10, 726-729.	3.0	91
20	Targeting the thyroid gland with thyroid-stimulating hormone (TSH)-nanoliposomes. <i>Biomaterials</i> , 2014, 35, 7101-7109.	5.7	88
21	Extracellular vesicle therapeutics for liver disease. <i>Journal of Controlled Release</i> , 2018, 273, 86-98.	4.8	88
22	Extracellular Vesicles in Cancer Detection: Hopes and Hypes. <i>Trends in Cancer</i> , 2021, 7, 122-133.	3.8	86
23	Evaluation of anticancer activity of celastrol liposomes in prostate cancer cells. <i>Journal of Microencapsulation</i> , 2014, 31, 501-507.	1.2	80
24	Contribution of Kupffer cells to liposome accumulation in the liver. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 356-362.	2.5	78
25	Adipose-derived cellular and cell-derived regenerative therapies in dermatology and aesthetic rejuvenation. <i>Ageing Research Reviews</i> , 2019, 54, 100933.	5.0	69
26	Polyethylenimine and chitosan carriers for the delivery of RNA interference effectors. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1653-1668.	2.4	65
27	Organotropic drug delivery: Synthetic nanoparticles and extracellular vesicles. <i>Biomedical Microdevices</i> , 2019, 21, 46.	1.4	64
28	Liposomal chemotherapeutics. <i>Future Oncology</i> , 2013, 9, 1849-1859.	1.1	61
29	Multi-step encapsulation of chemotherapy and gene silencing agents in functionalized mesoporous silica nanoparticles. <i>Nanoscale</i> , 2017, 9, 5329-5341.	2.8	58
30	Chloroquine and nanoparticle drug delivery: A promising combination. , 2018, 191, 43-49.		54
31	Lipoprotein-based drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2020, 159, 377-390.	6.6	54
32	Adipose-Derived Biogenic Nanoparticles for Suppression of Inflammation. <i>Small</i> , 2020, 16, e1904064.	5.2	53
33	Multistage vector (MSV) therapeutics. <i>Journal of Controlled Release</i> , 2015, 219, 406-415.	4.8	52
34	Recent Advances in Discovering the Role of CCL5 in Metastatic Breast Cancer. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 15, 1063-1072.	1.1	52
35	Enzyme-responsive multistage vector for drug delivery to tumor tissue. <i>Pharmacological Research</i> , 2016, 113, 92-99.	3.1	47
36	Post-nano strategies for drug delivery: multistage porous silicon microvectors. <i>Journal of Materials Chemistry B</i> , 2017, 5, 207-219.	2.9	47

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37	Brain metastases-derived extracellular vesicles induce binding and aggregation of low-density lipoprotein. <i>Journal of Nanobiotechnology</i> , 2020, 18, 162.	4.2	45
38	A Micro/Nano Composite for Combination Treatment of Melanoma Lung Metastasis. <i>Advanced Healthcare Materials</i> , 2016, 5, 936-946.	3.9	44
39	Taking the vehicle out of drug delivery. <i>Materials Today</i> , 2017, 20, 95-97.	8.3	44
40	A Novel DNA Aptamer for Dual Targeting of Polymorphonuclear Myeloid-derived Suppressor Cells and Tumor Cells. <i>Theranostics</i> , 2018, 8, 31-44.	4.6	44
41	Connective tissue growth factor stimulates the proliferation, migration and differentiation of lung fibroblasts during paraquat-induced pulmonary fibrosis. <i>Molecular Medicine Reports</i> , 2015, 12, 1091-1097.	1.1	41
42	Hesperetin: An inhibitor of the transforming growth factor- β^2 (TGF- β^2) signaling pathway. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 390-395.	2.6	40
43	Multistage vector delivery of sulindac and silymarin for prevention of colon cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 694-703.	2.5	39
44	Hesperetin Liposomes for Cancer Therapy. <i>Current Drug Delivery</i> , 2016, 13, 711-719.	0.8	39
45	Strategies for improving drug delivery: nanocarriers and microenvironmental priming. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 865-877.	2.4	39
46	Label-Free Isothermal Amplification Assay for Specific and Highly Sensitive Colorimetric miRNA Detection. <i>ACS Omega</i> , 2016, 1, 448-455.	1.6	36
47	Extracellular vesicles for treatment of solid organ ischemiaâ€œreperfusion injury. <i>American Journal of Transplantation</i> , 2020, 20, 3294-3307.	2.6	35
48	A Simple and Quick Method for Loading Proteins in Extracellular Vesicles. <i>Pharmaceuticals</i> , 2021, 14, 356.	1.7	35
49	Considerations for extracellular vesicle and lipoprotein interactions in cell culture assays. <i>Journal of Extracellular Vesicles</i> , 2022, 11, e12202.	5.5	33
50	Extracellular vesicle therapeutics from plasma and adipose tissue. <i>Nano Today</i> , 2021, 39, 101159.	6.2	32
51	Porous Silicon Microparticles for Delivery of siRNA Therapeutics. <i>Journal of Visualized Experiments</i> , 2015, , 52075.	0.2	27
52	Chemotherapy Sensitizes Therapy-Resistant Cells to Mild Hyperthermia by Suppressing Heat Shock Protein 27 Expression in Triple-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 4900-4912.	3.2	24
53	Glycan Node Analysis of Plasma-Derived Extracellular Vesicles. <i>Cells</i> , 2020, 9, 1946.	1.8	22
54	Polyarginine Induces an Antitumor Immune Response through Binding to Tollâ€œLike Receptor 4. <i>Small</i> , 2014, 10, 1250-1254.	5.2	21

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55	Effects of Adipose-Derived Biogenic Nanoparticle-Associated microRNA-451a on Toll-like Receptor 4-Induced Cytokines. <i>Pharmaceutics</i> , 2022, 14, 16.	2.0	15
56	Differences in the Aerobic Capacity of Flight Muscles between Butterfly Populations and Species with Dissimilar Flight Abilities. <i>PLoS ONE</i> , 2014, 9, e78069.	1.1	14
57	Extracellular vesicle glucose transporter-1 and glycan features in monocyte-endothelial inflammatory interactions. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 42, 102515.	1.7	13
58	Protective effects of intestinal trefoil factor (ITF) on gastric mucosal epithelium through activation of extracellular signal-regulated kinase 1/2 (ERK1/2). <i>Molecular and Cellular Biochemistry</i> , 2015, 404, 263-270.	1.4	12
59	Live-cell single-molecule imaging reveals clathrin and caveolin-1 dependent docking of SMAD4 at the cell membrane. <i>FEBS Letters</i> , 2013, 587, 3912-3920.	1.3	7
60	A pyruvate decarboxylase-mediated therapeutic strategy for mimicking yeast metabolism in cancer cells. <i>Pharmacological Research</i> , 2016, 111, 413-421.	3.1	7
61	Systematic comparison of methods for determining the in vivo biodistribution of porous nanostructured injectable inorganic particles. <i>Acta Biomaterialia</i> , 2019, 97, 501-512.	4.1	7
62	Education and Outreach in Physical Sciences in Oncology. <i>Trends in Cancer</i> , 2021, 7, 3-9.	3.8	4
63	Advances in Nanotechnology-Based Drug Delivery Platforms and Novel Drug Delivery Systems. , 2015, , 41-58.		3
64	Mechanistic Features of Nanodiamonds in the Lapping of Magnetic Heads. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	0.8	1
65	The Impact of Lubricants on the Precision Lapping Process. <i>Microscopy and Microanalysis</i> , 2014, 20, 1708-1714.	0.2	1
66	Systemic delivery of human bone-marrow derived extracellular vesicles ameliorates kidney injury and inflammation in an accelerated diabetic kidney disease mouse model. <i>Cytotherapy</i> , 2021, 23, S109-S110.	0.3	0
67	Abstract B04: From modeling to in vivo tracking: a new platform for the design of delivery vectors that exploit tumor microfluidics. , 2017, , .		0
68	Abstract LB-019: Empowering preclinical studies: A systematic and quantitative analysis of biodistribution methods to facilitate clinical translation of new drugs. , 2018, , .		0