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List of Publications by Year
in descending order

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37 papers	1,579 citations	394421 19 h-index	330143 37 g-index
37 all docs	37 docs citations	37 times ranked	2776 citing authors

#	Article	IF	Citations
1	Interplay between coagulation and inflammation in cancer: Limitations and therapeutic opportunities. Cancer Treatment Reviews, 2022, 102, 102322.	7.7	29
2	Insights into the Steps of Breast Cancerâ€“Brain Metastases Development: Tumor Cell Interactions with the Bloodâ€“Brain Barrier. International Journal of Molecular Sciences, 2022, 23, 1900.	4.1	8
3	Heparan sulfate dependent binding of plasmatic von Willebrand factor to blood circulating melanoma cells attenuates metastasis. Matrix Biology, 2022, 111, 76-94.	3.6	3
4	Inhibition of Tumorâ€“Host Cell Interactions Using Synthetic Heparin Mimetics. ACS Applied Materials & Interfaces, 2021, 13, 7080-7093.	8.0	14
5	Melanoma Associated Chitinase 3-Like 1 Promoted Endothelial Cell Activation and Immune Cell Recruitment. International Journal of Molecular Sciences, 2021, 22, 3912.	4.1	9
6	The Role of Interleukin-1-Receptor-Antagonist in Bladder Cancer Cell Migration and Invasion. International Journal of Molecular Sciences, 2021, 22, 5875.	4.1	8
7	Skin Barriers in Dermal Drug Delivery: Which Barriers Have to Be Overcome and How Can We Measure Them?. Pharmaceutics, 2020, 12, 684.	4.5	97
8	Bladder cancer-derived interleukin-1 converts the vascular endothelium into a pro-inflammatory and pro-coagulatory surface. BMC Cancer, 2020, 20, 1178.	2.6	13
9	Nanoparticles and Colloidal Hydrogels of Chitosanâ€“Caseinate Polyelectrolyte Complexes for Drug-Controlled Release Applications. International Journal of Molecular Sciences, 2020, 21, 5602.	4.1	34
10	Urothelial Carcinoma of the Bladder Induces Endothelial Cell Activation and Hypercoagulation. Molecular Cancer Research, 2020, 18, 1099-1109.	3.4	19
11	Differences of the tumour cell glycocalyx affect binding of capsaicin-loaded chitosan nanocapsules. Scientific Reports, 2020, 10, 22443.	3.3	25
12	Unique subsite specificity and potential natural function of a chitosan deacetylase from the human pathogen Cryptococcus neoformans. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3551-3559.	7.1	29
13	Platelets in Skin Autoimmune Diseases. Frontiers in Immunology, 2019, 10, 1453.	4.8	16
14	Cellulose Nanofiber-Reinforced Chitosan Hydrogel Composites for Intervertebral Disc Tissue Repair. Biomimetics, 2019, 4, 19.	3.3	72
15	The Influence of Capsaicin on the Integrity of Microvascular Endothelial Cell Monolayers. International Journal of Molecular Sciences, 2019, 20, 122.	4.1	13
16	Chitosan functionalized poly-Îµ-caprolactone electrospun fibers and 3D printed scaffolds as antibacterial materials for tissue engineering applications. Carbohydrate Polymers, 2018, 191, 127-135.	10.2	52
17	Role of the Coagulation System in Genitourinary Cancers: Review. Clinical Genitourinary Cancer, 2018, 16, e29-e37.	1.9	10
18	Physicochemical Characterization of FRET-Labelled Chitosan Nanocapsules and Model Degradation Studies. Nanomaterials, 2018, 8, 846.	4.1	9

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19	The endothelial glycocalyx anchors von Willebrand factor fibers to the vascular endothelium. Blood Advances, 2018, 2, 2347-2357.	5.2	47
20	Decreased Invasion of Urothelial Carcinoma of the Bladder by Inhibition of Matrix-Metalloproteinase 7. Bladder Cancer, 2018, 4, 67-75.	0.4	11
21	Cellular stress induces erythrocyte assembly on intravascular von Willebrand factor strings and promotes microangiopathy. Scientific Reports, 2018, 8, 10945.	3.3	19
22	Homeostatic nuclear RAGEâ€“ATM interaction is essential for efficient DNA repair. Nucleic Acids Research, 2017, 45, 10595-10613.	14.5	66
23	Nanoencapsulated capsaicin changes migration behavior and morphology of madin darby canine kidney cell monolayers. PLoS ONE, 2017, 12, e0187497.	2.5	15
24	From morphology to biochemical stateâ€‰â€“â€‰intravital multiphoton fluorescence lifetime imaging of inflamed human skin. Scientific Reports, 2016, 6, 22789.	3.3	52
25	Silver nanoparticle-enriched diamond-like carbon implant modification as a mammalian cell compatible surface with antimicrobial properties. Scientific Reports, 2016, 6, 22849.	3.3	47
26	Co-assembly of chitosan and phospholipids into hybrid hydrogels. Pure and Applied Chemistry, 2016, 88, 905-916.	1.9	13
27	Hybrid electrospun chitosan-phospholipids nanofibers for transdermal drug delivery. International Journal of Pharmaceutics, 2016, 510, 48-56.	5.2	158
28	IL17A-Mediated Endothelial Breach Promotes Metastasis Formation. Cancer Immunology Research, 2016, 4, 26-32.	3.4	40
29	The Effect of Capsaicin Derivatives on Tight-Junction Integrity and Permeability of Madin-Darby Canine Kidney Cells. Journal of Pharmaceutical Sciences, 2016, 105, 630-638.	3.3	12
30	von Willebrand factor fibers promote cancer-associated platelet aggregation in malignant melanoma of mice and humans. Blood, 2015, 125, 3153-3163.	1.4	110
31	von Willebrand Factor Directly Interacts With DNA From Neutrophil Extracellular Traps. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1382-1389.	2.4	129
32	Assessing the Invasive Potential of Bladder Cancer: Development and Validation of a New Preclinical Assay. Journal of Urology, 2013, 189, 1939-1944.	0.4	5
33	Uptake Kinetics and Nanotoxicity of Silica Nanoparticles Are Cell Type Dependent. Small, 2013, 9, 3970-3980.	10.0	111
34	Ultralarge von Willebrand Factor Fibers Mediate LuminalStaphylococcus aureusAdhesion to an Intact Endothelial Cell Layer Under Shear Stress. Circulation, 2013, 128, 50-59.	1.6	102
35	Cellular Uptake: Uptake Kinetics and Nanotoxicity of Silica Nanoparticles Are Cell Type Dependent (Small 23/2013). Small, 2013, 9, 3906-3906.	10.0	5
36	Cytotoxicity of silica nanoparticles through exocytosis of von Willebrand factor and necrotic cell death in primary human endothelial cells. Biomaterials, 2011, 32, 8385-8393.	11.4	85

#	Article	IF	Citations
37	Human macrophage activation triggered by chitotriosidase-mediated chitin and chitosan degradation. Biomaterials, 2010, 31, 8556-8563.	11.4	92