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List of Publications by Year in descending order

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37
papers

1,579
citations

394390

19
h-index

330122

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

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

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