Zuzana PokornÃ¡

List of Publications by Year
in descending order

22	263	933410 10	996954 15
papers	citations	h-index	g-index

22	22	22	451
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Three-Dimensional Optical Trapping of a Plasmonic Nanoparticle using Low Numerical Aperture Optical Tweezers. Scientific Reports, 2015, 5, 8106.	3.3	60
2	Liquid assisted plasma enhanced chemical vapour deposition with a non-thermal plasma jet at atmospheric pressure. Thin Solid Films, 2017, 630, 71-78.	1.8	25
3	Clinically Translatable Prevention of Anthracycline Cardiotoxicity by Dexrazoxane Is Mediated by Topoisomerase II Beta and Not Metal Chelation. Circulation: Heart Failure, 2021, 14, e008209.	3.9	24
4	Scanning Electron Microscopy with Samples in an Electric Field. Materials, 2012, 5, 2731-2756.	2.9	20
5	Cardioprotective effects of inorganic nitrate/nitrite in chronic anthracycline cardiotoxicity: Comparison with dexrazoxane. Journal of Molecular and Cellular Cardiology, 2016, 91, 92-103.	1.9	20
6	Field emission from the surface of highly ordered pyrolytic graphite. Applied Surface Science, 2017, 395, 157-161.	6.1	15
7	Pharmacokinetics of the Cardioprotective Drug Dexrazoxane and Its Active Metabolite ADR-925 with Focus on Cardiomyocytes and the Heart. Journal of Pharmacology and Experimental Therapeutics, 2018, 364, 433-446.	2.5	15
8	The foggy world(s) of p63 isoform regulation in normal cells and cancer. Journal of Pathology, 2021, 254, 454-473.	4.5	15
9	Making Sense of Complex Carbon and Metal/Carbon Systems by Secondary Electron Hyperspectral Imaging. Advanced Science, 2019, 6, 1900719.	11.2	14
10	Investigation of Structure-Activity Relationships of Dexrazoxane Analogs Reveals Topoisomerase IIÎ²Interaction as a Prerequisite for Effective Protection against Anthracycline Cardiotoxicity. Journal of Pharmacology and Experimental Therapeutics, 2020, 373, 402-415.	2.5	14
11	In vitro and in vivo investigation of cardiotoxicity associated with anticancer proteasome inhibitors and their combination with anthracycline. Clinical Science, 2019, 133, 1827-1844.	4.3	10
12	TAp63 and Î”Np63 (p40) in prostate adenocarcinomas: Î”Np63 associates with a basal-like cancer stem cell population but not with metastasis. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 478, 627-636.	2.8	10
13	Mapping the Local Density of States by Very-Low-Energy Scanning Electron Microscope. Materials Transactions, 2010, 51, 214-218.	1.2	8
14	Very low energy scanning electron microscopy in nanotechnology. International Journal of Nanotechnology, 2012, 9, 695.	0.2	4
15	Identifying pathways regulating the oncogenic p53 family member Î”Np63 provides therapeutic avenues for squamous cell carcinoma. Cellular and Molecular Biology Letters, 2022, 27, 18.	7.0	4
16	DNA Demethylation Switches Oncogenic Î”Np63 to Tumor Suppressive TAp63 in Squamous Cell Carcinoma. Frontiers in Oncology, 0, 12, .	2.8	2
17	Are cardioprotective effects of NO-releasing drug molsidomine translatable to chronic anthracycline cardiotoxicity settings?. Toxicology, 2016, 372, 52-63.	4.2	1
18	Nanostructures for Achieving Selective Properties of a Thermophotovoltaic Emitter. Nanomaterials, 2021, 11, 2443.	4.1	1

#	Article	IF	Citations
19	Primary prevention of chronic anthracycline cardiotoxicity with ACE inhibitor is temporarily effective in rabbits, but benefits wane in post-treatment follow-up. Clinical Science, 2022, 136, 139-161.	4.3	1
20	Exploitation of Contrasts in Low Energy SEM to Reveal True Microstructure. Microscopy and Microanalysis, 2014, 20, 858-859.	0.4	0
21	A method for extraction of crystallography-related information from a data cube of very-low-energy electron micrographs. Ultramicroscopy, 2015, 148, 52-56.	1.9	0
22	79â€...Effective cardioprotection against anthracycline cardiotoxicity in isolated cardiomyocytes and rabbits is based on dexrazoxane interaction with topoisomerase II beta instead of iron chelation by its metabolite ADR-925. , 2019, , .		0