Silvana Pinelli

List of Publications by Year
in descending order

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29 papers	805 citations	687363 13 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	1670 citing authors

#	Article	IF	Citations
1	Inhalation of peptide-loaded nanoparticles improves heart failure. Science Translational Medicine, 2018, 10, .	12.4	132
2	Titanium dioxide nanoparticles promote arrhythmias via a direct interaction with rat cardiac tissue. Particle and Fibre Toxicology, 2014, 11, 63.	6.2	76
3	Cinnamaldehyde and cuminaldehyde thiosemicarbazones and their copper(II) and nickel(II) complexes: A study to understand their biological activity. Journal of Inorganic Biochemistry, 2014, 140, 111-125.	3.5	72
4	Proinflammatory Effects of Pyrogenic and Precipitated Amorphous Silica Nanoparticles in Innate Immunity Cells. Toxicological Sciences, 2016, 150, 40-53.	3.1	65
5	Oxidative and pro-inflammatory effects of cobalt and titanium oxide nanoparticles on aortic and venous endothelial cells. Toxicology in Vitro, 2015, 29, 426-437.	2.4	64
6	Quinoline-2-carboxaldehyde thiosemicarbazones and their Cu(II) and Ni(II) complexes as topoisomerase IIa inhibitors. Journal of Inorganic Biochemistry, 2015, 152, 10-19.	3.5	56
7	Persistent lone atrial fibrillation: Clinicopathologic study of 19 cases. Heart Rhythm, 2014, 11, 1250-1258.	0.7	47
8	Titanium dioxide aggregating nanoparticles induce autophagy and under-expression of microRNA 21 and 30a in A549 cell line: A comparative study with cobalt(II, III) oxide nanoparticles. Toxicology in Vitro, 2017, 42, 76-85.	2.4	33
9	Subchronic exposure to titanium dioxide nanoparticles modifies cardiac structure and performance in spontaneously hypertensive rats. Particle and Fibre Toxicology, 2019, 16, 25.	6.2	32
10	In-vivo vascular application via ultra-fast bioprinting for future 5D personalised nanomedicine. Scientific Reports, 2020, 10, 3205.	3.3	28
11	Biomarkers of exposure to stainless steel tungsten inert gas welding fumes and the effect of exposure on exhaled breath condensate. Toxicology Letters, 2018, 292, 108-114.	0.8	25
12	Cobalt oxide nanoparticles induce oxidative stress and alter electromechanical function in rat ventricular myocytes. Particle and Fibre Toxicology, 2021, 18, 1.	6.2	21
13	Autophagy and apoptosis: studies on the effects of bisthiosemicarbazone copper(<scp>ii</scp>) complexes on p53 and p53-null tumour cell lines. Metallomics, 2016, 8, 1255-1265.	2.4	19
14	Maternal air pollution exposure during the first trimester of pregnancy and markers of inflammation and endothelial dysfunction. Environmental Research, 2022, 212, 113216.	7.5	15
15	Family history influences clinical course of idiopathic calcium nephrolithiasis: caseâ€“control study of a large cohort of Italian patients. Journal of Nephrology, 2016, 29, 645-651.	2.0	13
16	Idiopathic calcium nephrolithiasis with pure calcium oxalate composition: clinical correlates of the calcium oxalate dihydrate/monohydrate (COD/COM) stone ratio. Urolithiasis, 2020, 48, 271-279.	2.0	11
17	Environmental/Occupational Exposure to Radon and Non-Pulmonary Neoplasm Risk: A Review of Epidemiologic Evidence. International Journal of Environmental Research and Public Health, 2021, 18, 10466.	2.6	11
18	Insights about urinary hippuric and citric acid as biomarkers of fruit and vegetable intake in patients with kidney stones: The role of age and sex. Nutrition, 2019, 59, 83-89.	2.4	10

#	Article	IF	Citations
19	Exposure to nanoparticles derived from diesel particulate filter equipped engine increases vulnerability to arrhythmia in rat hearts. Environmental Pollution, 2021, 284, 117163.	7.5	10
20	Sex Difference and Benzene Exposure: Does It Matter?. International Journal of Environmental Research and Public Health, 2022, 19, 2339.	2.6	10
21	Calcium urolithiasis course in young stone formers is influenced by the strength of family history: results from a retrospective study. Urolithiasis, 2017, 45, 525-533.	2.0	9
22	New CeF₃â€“ZnO nanocomposites for self-lighted photodynamic therapy that block adenocarcinoma cell life cycle. Nanomedicine, 2018, 13, 2311-2326.	3.3	8
23	INSIDE Project: Individual Air Pollution Exposure, Extracellular Vesicles Signaling and Hypertensive Disorder Development in Pregnancy. International Journal of Environmental Research and Public Health, 2020, 17, 9046.	2.6	8
24	Synthetic recovery of impulse propagation in myocardial infarction via silicon carbide semiconductive nanowires. Nature Communications, 2022, 13, 6.	12.8	7
25	Biological Role and Clinical Implications of microRNAs in BRCA Mutation Carriers. Frontiers in Oncology, 2021, 11, 700853.	2.8	6
26	A New Photoactivatable Ruthenium(II) Complex with an Asymmetric Bis-Thiocarbohydrazone: Chemical and Biological Investigations. Molecules, 2021, 26, 939.	3.8	5
27	The influence of maternal and paternal history on stone composition and clinical course of calcium nephrolithiasis in subjects aged between 15 and 25. Urolithiasis, 2016, 44, 521-528.	2.0	4
28	Overexpression of microRNAâ€‘486 affects the proliferation and chemosensitivity of mesothelioma cell lines by targeting PIM1. International Journal of Molecular Medicine, 2021, 47, .	4.0	4
29	DNA and BSA Interaction Studies and Antileukemic Evaluation of Polyaromatic Thiosemicarbazones and Their Copper Complexes. Compounds, 2022, 2, 144-162.	1.9	4