

Iwona Inkielewicz-Stepniak

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,397
citations

361413

20
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

2559
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver Nanoparticles as Chlorhexidine and Metronidazole Drug Delivery Platforms: Their Potential Use in Treating Periodontitis. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 495-517.	6.7	18
2	Design, synthesis and biological evaluation of novel N-phosphorylated and O-phosphorylated tacrine derivatives as potential drugs against Alzheimer's disease. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1012-1022.	5.2	11
3	Opioid Growth Factor and its Derivatives as Potential Non-toxic Multifunctional Anticancer and Analgesic Compounds. <i>Current Medicinal Chemistry</i> , 2021, 28, 673-686.	2.4	3
4	Therapeutic Potential of Multifunctional Derivatives of Cholinesterase Inhibitors. <i>Current Neuropharmacology</i> , 2021, 19, 1323-1344.	2.9	14
5	Nanodrugs as a New Approach in the Therapy of Cardiovascular Diseases and Cancer with Tumor-associated Angiogenesis. <i>Current Medicinal Chemistry</i> , 2021, 28, 5527-5550.	2.4	1
6	Pancreatic Cancer and Platelets Crosstalk: A Potential Biomarker and Target. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 749689.	3.7	10
7	Lipoic Acid-Coated Silver Nanoparticles: Biosafety Potential on the Vascular Microenvironment and Antibacterial Properties. <i>Frontiers in Pharmacology</i> , 2021, 12, 733743.	3.5	7
8	Assessment of Anti-Tumor potential and safety of application of Glutathione stabilized Gold Nanoparticles conjugated with Chemotherapeutics. <i>International Journal of Medical Sciences</i> , 2020, 17, 824-833.	2.5	20
9	Therapeutic Potential of Carnosine and Its Derivatives in the Treatment of Human Diseases. <i>Chemical Research in Toxicology</i> , 2020, 33, 1561-1578.	3.3	33
10	Synthesis of silver nanoparticles in context of their cytotoxicity, antibacterial activities, skin penetration and application in skincare products. <i>Supramolecular Chemistry</i> , 2020, 32, 207-221.	1.2	17
11	Molecular and Cellular Mechanisms of Cytotoxic Activity of Vanadium Compounds against Cancer Cells. <i>Molecules</i> , 2020, 25, 1757.	3.8	49
12	Modified Nanoparticles as Potential Agents in Bone Diseases: Cancer and Implant-Related Complications. <i>Nanomaterials</i> , 2020, 10, 658.	4.1	13
13	Oxidovanadium(IV) Complex Disrupts Mitochondrial Membrane Potential and Induces Apoptosis in Pancreatic Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 21, 71-83.	1.7	4
14	Synthesis and Cholinesterase Inhibitory Activity of N-Phosphorylated/ N-Tiophosphorylated Tacrine. <i>Medicinal Chemistry</i> , 2020, 16, 947-957.	1.5	2
15	Anti-inflammatory and antioxidative effects of the buds from different species of Populus in human gingival fibroblast cells: Role of bioflavanones. <i>Phytomedicine</i> , 2019, 56, 1-9.	5.3	25
16	Effects of functionalized silver nanoparticles on aggregation of human blood platelets. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7399-7417.	6.7	29
17	Impact of gold nanoparticles shape on their cytotoxicity against human osteoblast and osteosarcoma in in vitro model. Evaluation of the safety of use and anti-cancer potential. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 22.	3.6	127
18	Shape-Depended Biological Properties of Ag ₃ PO ₄ Microparticles: Evaluation of Antimicrobial Properties and Cytotoxicity in In Vitro Model Safety Assessment of Potential Clinical Usage. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-19.	4.0	18

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19	New Oxidovanadium(IV) Coordination Complex Containing 2-Methylnitrilotriacetate Ligands Induces Cell Cycle Arrest and Autophagy in Human Pancreatic Ductal Adenocarcinoma Cell Lines. <i>International Journal of Molecular Sciences</i> , 2019, 20, 261.	4.1	20
20	Inhibition of human constitutive 20S proteasome and 20S immunoproteasome with novel N-terminally modified peptide aldehydes and their antitumor activity. <i>Peptide Science</i> , 2019, 111, e24100.	1.8	1
21	Therapeutic Potential of Multifunctional Tacrine Analogues. <i>Current Neuropharmacology</i> , 2019, 17, 472-490.	2.9	35
22	Metal nanoparticles in dermatology and cosmetology: Interactions with human skin cells. <i>Chemico-Biological Interactions</i> , 2018, 295, 38-51.	4.0	126
23	Silver nanoparticles of different sizes induce a mixed type of programmed cell death in human pancreatic ductal adenocarcinoma. <i>Oncotarget</i> , 2018, 9, 4675-4697.	1.8	100
24	Role of Oxidative and Nitro-Oxidative Damage in Silver Nanoparticles Cytotoxic Effect against Human Pancreatic Ductal Adenocarcinoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	4.0	57
25	The Role of Mucin in the Toxicological Impact of Polystyrene Nanoparticles. <i>Materials</i> , 2018, 11, 724.	2.9	65
26	Characterization and cytotoxic effect of aqua-(2,2,2-nitrilotriacetato)-oxo-vanadium salts on human osteosarcoma cells. <i>BioMetals</i> , 2017, 30, 261-275.	4.1	10
27	Structural characterization and biological properties of a new dinuclear oxidovanadium(IV) N-(phosphonomethyl)iminodiacetate complex with the 4-amino-2-methylquinolinium cation. <i>Polyhedron</i> , 2017, 133, 75-81.	2.2	3
28	Structure, Physicochemical and Biological Properties of an Aqua (2,2,2-nitrilotriacetato)-oxidovanadium(IV) Salt with 4-Methylpyridinium Cation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 501-510.	1.2	3
29	Selective cytotoxicity of vanadium complexes on human pancreatic ductal adenocarcinoma cell line by inducing necroptosis, apoptosis and mitotic catastrophe process. <i>Oncotarget</i> , 2017, 8, 60324-60341.	1.8	40
30	Molecular Mechanism of Silver Nanoparticles-Induced Human Osteoblast Cell Death: Protective Effect of Inducible Nitric Oxide Synthase Inhibitor. <i>PLoS ONE</i> , 2016, 11, e0164137.	2.5	44
31	Capping Agent-Dependent Toxicity and Antimicrobial Activity of Silver Nanoparticles: An <i>In Vitro</i> Study. Concerns about Potential Application in Dental Practice. <i>International Journal of Medical Sciences</i> , 2016, 13, 772-782.	2.5	79
32	Influence of Primary Ligands (ODA, TDA) on Physicochemical and Biological Properties of Oxidovanadium (IV) Complexes with Bipy and Phen as Auxiliary Ligands. <i>Biological Trace Element Research</i> , 2016, 174, 251-258.	3.5	7
33	Titanium dioxide nanoparticles enhance production of superoxide anion and alter the antioxidant system in human osteoblast cells. <i>International Journal of Nanomedicine</i> , 2015, 10, 1095.	6.7	49
34	CuO nanoparticles induce apoptosis by impairing the antioxidant defense and detoxification systems in the mouse hippocampal HT22 cell line: Protective effect of crocetin. <i>Toxicology in Vitro</i> , 2015, 29, 663-671.	2.4	48
35	Pharmacological and toxicological effects of co-exposure of human gingival fibroblasts to silver nanoparticles and sodium fluoride. <i>International Journal of Nanomedicine</i> , 2014, 9, 1677.	6.7	51
36	Electrochemical and Biological Studies on Reactivity of [VO(oda)(H ₂ O) ₂], [Co(oda)(H ₂ O) ₂ ·H ₂ O], and [Ni(oda)(H ₂ O) ₃ ·1.5H ₂ O] Towards Superoxide Free Radicals. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1795-1799.	1.2	20

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37	Effect of exposure to fluoride and acetaminophen on oxidative/nitrosative status of liver and kidney in male and female rats. <i>Pharmacological Reports</i> , 2012, 64, 902-911.	3.3	16
38	Fisetin prevents fluoride- and dexamethasone-induced oxidative damage in osteoblast and hippocampal cells. <i>Food and Chemical Toxicology</i> , 2012, 50, 583-589.	3.6	57
39	Mechanisms of Toxicity of Amorphous Silica Nanoparticles on Human Lung Submucosal Cells in Vitro: Protective Effects of Fisetin. <i>Chemical Research in Toxicology</i> , 2012, 25, 2227-2235.	3.3	107
40	Impact of fluoxetine on liver damage in rats. <i>Pharmacological Reports</i> , 2011, 63, 441-447.	3.3	58