

Anca Oana Docea

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126
papers

4,234
citations

38
h-index

59
g-index

136
ext. papers

6,039
ext. citations

4.3
avg, IF

6.02
L-index

#	Paper	IF	Citations
126	Lifestyle, Oxidative Stress, and Antioxidants: Back and Forth in the Pathophysiology of Chronic Diseases. <i>Frontiers in Physiology</i> , 2020 , 11, 694	4.6	235
125	Towards effective COVID-19 vaccines: Updates, perspectives and challenges (Review). <i>International Journal of Molecular Medicine</i> , 2020 , 46, 3-16	4.4	178
124	Protein bio-corona: critical issue in immune nanotoxicology. <i>Archives of Toxicology</i> , 2017 , 91, 1031-1048	5.8	144
123	A new threat from an old enemy: Re-emergence of coronavirus (Review). <i>International Journal of Molecular Medicine</i> , 2020 , 45, 1631-1643	4.4	137
122	Simulating real-life exposures to uncover possible risks to human health: A proposed consensus for a novel methodological approach. <i>Human and Experimental Toxicology</i> , 2017 , 36, 554-564	3.4	115
121	Mechanistic understanding of nanoparticles interactions with extracellular matrix: the cell and immune system. <i>Particle and Fibre Toxicology</i> , 2017 , 14, 22	8.4	112
120	Endocrine Disruptors Leading to Obesity and Related Diseases. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	107
119	New challenges in risk assessment of chemicals when simulating real exposure scenarios; simultaneous multi-chemicals low dose exposure. <i>Food and Chemical Toxicology</i> , 2016 , 96, 174-6	4.7	106
118	Six months exposure to a real life mixture of 13 chemicals below individual NOAELs induced non monotonic sex-dependent biochemical and redox status changes in rats. <i>Food and Chemical Toxicology</i> , 2018 , 115, 470-481	4.7	88
117	Emerging aspects of nanotoxicology in health and disease: From agriculture and food sector to cancer therapeutics. <i>Food and Chemical Toxicology</i> , 2016 , 91, 42-57	4.7	88
116	COVID-19, an opportunity to reevaluate the correlation between long-term effects of anthropogenic pollutants on viral epidemic/pandemic events and prevalence. <i>Food and Chemical Toxicology</i> , 2020 , 141, 111418	4.7	83
115	SARS-CoV-2 pathophysiology and its clinical implications: An integrative overview of the pharmacotherapeutic management of COVID-19. <i>Food and Chemical Toxicology</i> , 2020 , 146, 111769	4.7	82
114	Curcumin Nanomedicine Formulations for Therapeutic Application in Neurological Diseases. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	80
113	Diet, Lifestyle and Cardiovascular Diseases: Linking Pathophysiology to Cardioprotective Effects of Natural Bioactive Compounds. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	77
112	COVID-19 in Northern Italy: An integrative overview of factors possibly influencing the sharp increase of the outbreak (Review). <i>Molecular Medicine Reports</i> , 2020 , 22, 20-32	2.9	74
111	Human papilloma virus: Apprehending the link with carcinogenesis and unveiling new research avenues (Review). <i>International Journal of Oncology</i> , 2018 , 52, 637-655	4.4	69
110	Hormetic Neurobehavioral effects of low dose toxic chemical mixtures in real-life risk simulation (RLRS) in rats. <i>Food and Chemical Toxicology</i> , 2019 , 125, 141-149	4.7	69

109	Impact of Natural Compounds on Neurodegenerative Disorders: From Preclinical to Pharmacotherapeutics. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	67
108	Plants: A Key Emphasis to Its Pharmacological Potential. <i>Molecules</i> , 2019 , 24,	4.8	55
107	Adverse and hormetic effects in rats exposed for 12 months to low dose mixture of 13 chemicals: RLRS part III. <i>Toxicology Letters</i> , 2019 , 310, 70-91	4.4	55
106	The Therapeutic Potential of Anthocyanins: Current Approaches Based on Their Molecular Mechanism of Action. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1300	5.6	55
105	A Mechanistic and Pathophysiological Approach for Stroke Associated with Drugs of Abuse. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	54
104	CYP polymorphisms and pathological conditions related to chronic exposure to organochlorine pesticides. <i>Toxicology Reports</i> , 2017 , 4, 335-341	4.8	52
103	Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels. <i>Toxicology Letters</i> , 2019 , 316, 154-170	4.4	50
102	Potential Therapeutic Options for COVID-19: Current Status, Challenges, and Future Perspectives. <i>Frontiers in Pharmacology</i> , 2020 , 11, 572870	5.6	50
101	Avocado-Soybean Unsaponifiables: A Panoply of Potentialities to Be Exploited. <i>Biomolecules</i> , 2020 , 10,	5.9	49
100	Safety of COVID-19 vaccines administered in the EU: Should we be concerned?. <i>Toxicology Reports</i> , 2021 , 8, 871-879	4.8	48
99	Oxidative Stress and Inflammation Interdependence in Multiple Sclerosis. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	47
98	COVID-19 pandemic and alcohol consumption: Impacts and interconnections. <i>Toxicology Reports</i> , 2021 , 8, 529-535	4.8	45
97	Pesticides, cognitive functions and dementia: A review. <i>Toxicology Letters</i> , 2020 , 326, 31-51	4.4	44
96	Plants-Drifting from Farm to Traditional Healing, Food Application, and Phytopharmacology. <i>Molecules</i> , 2019 , 24,	4.8	42
95	A mixture of routinely encountered xenobiotics induces both redox adaptations and perturbations in blood and tissues of rats after a long-term low-dose exposure regimen: The time and dose issue. <i>Toxicology Letters</i> , 2019 , 317, 24-44	4.4	42
94	Pharmacological Properties of Chalcones: A Review of Preclinical Including Molecular Mechanisms and Clinical Evidence. <i>Frontiers in Pharmacology</i> , 2020 , 11, 592654	5.6	42
93	Targeted Metabolomic Analysis of Serum Fatty Acids for the Prediction of Autoimmune Diseases. <i>Frontiers in Molecular Biosciences</i> , 2019 , 6, 120	5.6	41
92	Probiotics: Versatile Bioactive Components in Promoting Human Health. <i>Medicina (Lithuania)</i> , 2020 , 56,	3.1	41

91	Discovery of potent telomerase activators: Unfolding new therapeutic and anti-aging perspectives. <i>Molecular Medicine Reports</i> , 2019 , 20, 3701-3708	2.9	39
90	The Effect of Silver Nanoparticles on Antioxidant/Pro-Oxidant Balance in a Murine Model. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	38
89	Chitosan nanoparticles as a promising tool in nanomedicine with particular emphasis on oncological treatment. <i>Cancer Cell International</i> , 2021 , 21, 318	6.4	38
88	Improved strategies to counter the COVID-19 pandemic: Lockdowns vs. primary and community healthcare. <i>Toxicology Reports</i> , 2021 , 8, 1-9	4.8	38
87	8-Hydroxydeoxyguanosine as a biomarker of oxidative DNA damage in workers exposed to low-dose benzene. <i>Toxicology Reports</i> , 2017 , 4, 291-295	4.8	36
86	Nanosized carriers based on amphiphilic poly-N-vinyl-2-pyrrolidone for intranuclear drug delivery. <i>Nanomedicine</i> , 2018 , 13, 703-715	5.6	36
85	Cucurbita Plants: From Farm to Industry. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3387	2.6	35
84	Antimicrobial resistance development following surgical site infections. <i>Molecular Medicine Reports</i> , 2017 , 15, 681-688	2.9	34
83	A Perspective on Emerging Therapeutic Interventions for COVID-19. <i>Frontiers in Public Health</i> , 2020 , 8, 281	6	33
82	The effect of chronic vitamin deficiency and long term very low dose exposure to 6 pesticides mixture on neurological outcomes - A real-life risk simulation approach. <i>Toxicology Letters</i> , 2019 , 315, 96-106	4.4	33
81	Reflectance confocal microscopy and dermoscopy for , non-invasive skin imaging of superficial basal cell carcinoma. <i>Oncology Letters</i> , 2016 , 11, 3019-3024	2.6	33
80	Recent advances, approaches and challenges in targeting pathways for potential COVID-19 vaccines development. <i>Immunologic Research</i> , 2020 , 68, 315-324	4.3	32
79	Inflammatory and Oxidative Stress Markers-Mirror Tools in Rheumatoid Arthritis. <i>Biomedicines</i> , 2020 , 8,	4.8	31
78	Amphiphilic poly-N-vinylpyrrolidone nanoparticles as carriers for non-steroidal, anti-inflammatory drugs: In vitro cytotoxicity and in vivo acute toxicity study. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 1021-1030	6	30
77	The blood-brain barrier and beyond: Nano-based neuropharmacology and the role of extracellular matrix. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 17, 359-379	6	30
76	Association of nutraceutical supplements with longer telomere length. <i>International Journal of Molecular Medicine</i> , 2019 , 44, 218-226	4.4	30
75	Staphylococcus aureus colonisation in patients from a primary regional hospital. <i>Molecular Medicine Reports</i> , 2017 , 16, 8771-8780	2.9	29
74	The Treatment of Cognitive, Behavioural and Motor Impairments from Brain Injury and Neurodegenerative Diseases through Cannabinoid System Modulation-Evidence from In Vivo Studies. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	29

73	Ficus plants: State of the art from a phytochemical, pharmacological, and toxicological perspective. <i>Phytotherapy Research</i> , 2021 , 35, 1187-1217	6.7	29
72	Environmental exposure to organophosphorus nerve agents. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 56, 163-171	5.8	28
71	COVID-19 vaccines: ethical framework concerning human challenge studies. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020 , 28, 807-812	3.9	28
70	Neuropharmacological Effects of Quercetin: A Literature-Based Review. <i>Frontiers in Pharmacology</i> , 2021 , 12, 665031	5.6	26
69	The association of female and male infertility with telomere length (Review). <i>International Journal of Molecular Medicine</i> , 2019 , 44, 375-389	4.4	25
68	Pharmacological management of non-alcoholic fatty liver disease: Atorvastatin versus pentoxifylline. <i>Experimental and Therapeutic Medicine</i> , 2017 , 13, 2375-2381	2.1	24
67	Molecular and cellular stratagem of brain metastases associated with melanoma. <i>Oncology Letters</i> , 2019 , 17, 4170-4175	2.6	24
66	A guide to acquired vitamin K coagulopathy diagnosis and treatment: the Russian perspective. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2017 , 25, 10	3.9	23
65	Pharmacological Activities of Psoralidin: A Comprehensive Review of the Molecular Mechanisms of Action. <i>Frontiers in Pharmacology</i> , 2020 , 11, 571459	5.6	23
64	Endocrine Disruptors Acting on Estrogen and Androgen Pathways Cause Reproductive Disorders through Multiple Mechanisms: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	23
63	Antimicrobial resistance in bacterial pathogens among hospitalised patients with severe invasive infections. <i>Experimental and Therapeutic Medicine</i> , 2018 , 16, 4499-4510	2.1	23
62	Age-dependent endocrine disorders involved in the pathogenesis of refractory acne in women. <i>Molecular Medicine Reports</i> , 2016 , 14, 5501-5506	2.9	21
61	In vitro blood compatibility and in vitro cytotoxicity of amphiphilic poly-N-vinylpyrrolidone nanoparticles. <i>Food and Chemical Toxicology</i> , 2019 , 127, 42-52	4.7	20
60	Current Concepts on the Reno-Protective Effects of Phosphodiesterase 5 Inhibitors in Acute Kidney Injury: Systematic Search and Review. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	20
59	Back to basics in COVID-19: Antigens and antibodies-Completing the puzzle. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 4523-4533	5.6	20
58	Immunohistochemical expression of TGF beta (TGF- β) TGF beta receptor 1 (TGFBR1), and Ki67 in intestinal variant of gastric adenocarcinomas. <i>Romanian Journal of Morphology and Embryology</i> , 2012 , 53, 683-92	0.6	20
57	Species: Bridging Phytochemistry Knowledge, Pharmacological Properties and Toxicological Safety for Health Benefits. <i>Frontiers in Pharmacology</i> , 2021 , 12, 600139	5.6	19
56	Behavioral impacts of a mixture of six pesticides on rats. <i>Science of the Total Environment</i> , 2020 , 727, 138491	10.2	19

55	Heavy metal and pesticide levels in dairy products: Evaluation of human health risk. <i>Food and Chemical Toxicology</i> , 2020 , 146, 111844	4.7	16
54	Sildenafil and tadalafil reduce the risk of contrast-induced nephropathy by modulating the oxidant/antioxidant balance in a murine model. <i>Food and Chemical Toxicology</i> , 2020 , 135, 111038	4.7	16
53	Rare case of disseminated fusariosis in a young patient with graft vs. host disease following an allogeneic transplant. <i>Experimental and Therapeutic Medicine</i> , 2016 , 12, 2078-2082	2.1	16
52	Dietary supplements, vitamins and minerals as potential interventions against viruses: Perspectives for COVID-19. <i>International Journal for Vitamin and Nutrition Research</i> , 2021 , 1-18	1.7	16
51	Management of Endocrinopathies in Pregnancy: A Review of Current Evidence. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	15
50	Chronic exposure to methylmercury induces puncta formation in cephalic dopaminergic neurons in <i>Caenorhabditis elegans</i> . <i>NeuroToxicology</i> , 2020 , 77, 105-113	4.4	15
49	Cannabinoids and Inflammations of the Gut-Lung-Skin Barrier. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	15
48	A Novel Nutraceutical Formulation Can Improve Motor Activity and Decrease the Stress Level in a Murine Model of Middle-Age Animals. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	15
47	A Pharmacological Perspective on Plant-derived Bioactive Molecules for Epilepsy. <i>Neurochemical Research</i> , 2021 , 46, 2205-2225	4.6	14
46	Metabolic Fingerprint of Chronic Obstructive Lung Diseases: A New Diagnostic Perspective. <i>Metabolites</i> , 2019 , 9,	5.6	14
45	Association of cytokine gene polymorphisms with osteoarthritis susceptibility. <i>Experimental and Therapeutic Medicine</i> , 2018 , 16, 2659-2664	2.1	14
44	Phosphodiesterase-5 inhibitors ameliorate structural kidney damage in a rat model of contrast-induced nephropathy. <i>Food and Chemical Toxicology</i> , 2020 , 143, 111535	4.7	13
43	Thinking outside the Ischemia Box: Advancements in the Use of Multiple Sclerosis Drugs in Ischemic Stroke. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	13
42	Cardioprotective effects of hesperidin on carbon monoxide poisoned in rats. <i>Drug and Chemical Toxicology</i> , 2021 , 44, 668-673	2.3	12
41	Blood cadmium levels and sources of exposure in an adult urban population in southern Brazil. <i>Environmental Research</i> , 2020 , 187, 109618	7.9	12
40	Genistein: An Integrative Overview of Its Mode of Action, Pharmacological Properties, and Health Benefits. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 3268136	6.7	12
39	Therapeutic Potential of Neoechinulins and Their Derivatives: An Overview of the Molecular Mechanisms Behind Pharmacological Activities. <i>Frontiers in Nutrition</i> , 2021 , 8, 664197	6.2	11
38	and Polymorphisms as Risk Factors for Parkinson's Disease. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	11

37	Challenges and Scientific Prospects of the Newest Generation of mRNA-Based Vaccines against SARS-CoV-2. <i>Life</i> , 2021 , 11,	3	11
36	Unraveling the roles of vitamin[D status and melanin during Covid-19 (Review). <i>International Journal of Molecular Medicine</i> , 2021 , 47, 92-100	4.4	10
35	Flavonoids as potential anti-platelet aggregation agents: from biochemistry to health promoting abilities. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-14	11.5	10
34	The incidence of skin lesions in contrast media-induced chemical hypersensitivity. <i>Experimental and Therapeutic Medicine</i> , 2019 , 17, 1113-1124	2.1	10
33	HIGH SKIN MELANIN CONTENT, VITAMIN D DEFICIENCY AND IMMUNITY: POTENTIAL INTERFERENCE FOR SEVERITY OF COVID-19. <i>Farmacia</i> , 2020 , 68, 970-983	1.7	9
32	Natural Coumarins: Exploring the Pharmacological Complexity and Underlying Molecular Mechanisms. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 6492346	6.7	9
31	Molecular and clinical aspects of embryotoxicity induced by acetylcholinesterase inhibitors. <i>Toxicology</i> , 2018 , 409, 137-143	4.4	8
30	Colorectal Cancer and Inflammatory Bowel Disease 2016 ,		8
29	Magnesium sulfate ameliorates carbon monoxide-induced cerebral injury in male rats. <i>Molecular Medicine Reports</i> , 2019 , 19, 1032-1039	2.9	8
28	Bioactive Compounds as Potential Agents for Sexually Transmitted Diseases Management: A Review to Explore Molecular Mechanisms of Action. <i>Frontiers in Pharmacology</i> , 2021 , 12, 674682	5.6	8
27	Reversal of brain aging by targeting telomerase: A nutraceutical approach. <i>International Journal of Molecular Medicine</i> , 2021 , 48,	4.4	8
26	Cardioprotective effects of insulin on carbon monoxide-induced toxicity in male rats. <i>Human and Experimental Toxicology</i> , 2019 , 38, 148-154	3.4	7
25	Tobacco Smoking and Liver Risk: Potential Avenues for Carcinogenesis.. <i>Journal of Oncology</i> , 2021 , 2021, 5905357	4.5	7
24	Polycystic Ovary Syndrome: A Comprehensive Review of Pathogenesis, Management, and Drug Repurposing.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	6
23	Differences in the distribution of CD20, CD3, CD34 and CD45RO in nasal mucosa and polyps from patients with chronic rhinosinusitis. <i>Molecular Medicine Reports</i> , 2019 , 19, 2792-2800	2.9	5
22	A novel approach regarding the anti-aging of facial skin through collagen reorganization. <i>Experimental and Therapeutic Medicine</i> , 2020 , 19, 717-721	2.1	5
21	Rare amyloidoma of the tongue base: A case report and review of the literature. <i>Molecular and Clinical Oncology</i> , 2020 , 12, 258-262	1.6	5
20	Amentoflavone, New Hope against SARS-CoV-2: An Outlook through its Scientific Records and an in silico Study. <i>Pharmacognosy Research (discontinued)</i> , 2021 , 13, 149-157	0.7	5

19	A Selective Histamine H4 Receptor Antagonist, JNJ7777120, Role on glutamate Transporter Activity in Chronic Depression.. <i>Journal of Personalized Medicine</i> , 2022 , 12,	3.6	4
18	Immunohistochemical expression of EGF, c-erbB-2 and EGFR in intestinal variant of gastric adenocarcinomas. <i>Romanian Journal of Morphology and Embryology</i> , 2013 , 54, 545-54	0.6	4
17	Detrimental effects of 6 months exposure to very low doses of a mixture of six pesticides associated with chronic vitamin deficiency on rats. <i>Food and Chemical Toxicology</i> , 2021 , 152, 112188	4.7	3
16	A Literature-Based Update on (Thunb.) Cogn.: Traditional Uses, Nutraceutical, and Phytopharmacological Profiles.. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 6349041	6.7	3
15	Renoprotective Effect of Vardenafil and Avanafil in Contrast-Induced Nephropathy: Emerging Evidence from an Animal Model. <i>Journal of Personalized Medicine</i> , 2022 , 12, 670	3.6	3
14	The Study of Airborne Particulate Matter in Dalnegorsk Town. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
13	POSSIBLE MUTATION PATHWAYS IN SARS-CoV-2. <i>Farmacia</i> , 2021 , 69, 1001-1017	1.7	2
12	The role of Tumour Necrosis Factor in neuroinflammation associated with Parkinson's disease and targeted therapies. <i>Neurochemistry International</i> , 2022 , 105376	4.4	2
11	The pharmacists and homeopathy. <i>Current Health Sciences Journal</i> , 2014 , 40, 57-9	0.3	1
10	Updating the European Union's regulation on classification, labelling and packaging of substances and mixtures (CLP): A key opportunity for consumers, workers and stakeholders with interests in the legislation and toxicology of hazardous chemicals. <i>Toxicology Reports</i> , 2021 , 8, 1865-1868	4.8	1
9	The Pharmacological Activities of L.: A Review Based on the Mechanisms and Therapeutic Opportunities of its Phytoconstituents.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 8214821	6.7	1
8	Natural products and synthetic analogues against HIV: A perspective to develop new potential anti-HIV drugs.. <i>European Journal of Medicinal Chemistry</i> , 2022 , 233, 114217	6.8	1
7	Contrast-Induced Nephropathy (CIN) and Biomarkers. <i>Biomarkers in Disease</i> , 2022 , 1-24		1
6	Leveraging artificial intelligence to advance the understanding of chemical neurotoxicity.. <i>NeuroToxicology</i> , 2021 , 89, 9-11	4.4	0
5	Mixture toxicity evaluation in modern toxicology 2021 , 3-12		0
4	Toxicity of psychedelic drugs 2021 , 545-556		0
3	In Vivo Estimation of the Biological Effects of Endocrine Disruptors in Rabbits after Combined and Long-Term Exposure: Study Protocol. <i>Toxics</i> , 2022 , 10, 246	4.7	0
2	The Physician's Attitude towards the End of the Existence. <i>Current Health Sciences Journal</i> , 2014 , 40, 134-8	0.3	

- 1 Current and emerging concepts of cardiotoxicity **2021**, 269-274