Daniela Calina

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3125005/publications.pdf

Version: 2024-02-01

44042 69214 7,378 128 48 77 citations h-index g-index papers 139 139 139 6068 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Lifestyle, Oxidative Stress, and Antioxidants: Back and Forth in the Pathophysiology of Chronic Diseases. Frontiers in Physiology, 2020, 11, 694.	1.3	833
2	Towards effective COVID‑19 vaccines: Updates, perspectives and challenges (Review). International Journal of Molecular Medicine, 2020, 46, 3-16.	1.8	261
3	A new threat from an old enemy: Reâ€emergence of coronavirus (Review). International Journal of Molecular Medicine, 2020, 45, 1631-1643.	1.8	175
4	The Therapeutic Potential of Anthocyanins: Current Approaches Based on Their Molecular Mechanism of Action. Frontiers in Pharmacology, 2020, 11, 1300.	1.6	152
5	Simulating real-life exposures to uncover possible risks to human health: A proposed consensus for a novel methodological approach. Human and Experimental Toxicology, 2017, 36, 554-564.	1.1	146
6	Diet, Lifestyle and Cardiovascular Diseases: Linking Pathophysiology to Cardioprotective Effects of Natural Bioactive Compounds. International Journal of Environmental Research and Public Health, 2020, 17, 2326.	1.2	146
7	Impact of Natural Compounds on Neurodegenerative Disorders: From Preclinical to Pharmacotherapeutics. Journal of Clinical Medicine, 2020, 9, 1061.	1.0	141
8	Pharmacological Properties of Chalcones: A Review of Preclinical Including Molecular Mechanisms and Clinical Evidence. Frontiers in Pharmacology, 2020, 11, 592654.	1.6	140
9	Chitosan nanoparticles as a promising tool in nanomedicine with particular emphasis on oncological treatment. Cancer Cell International, 2021, 21, 318.	1.8	139
10	Anticancer potential of alkaloids: a key emphasis to colchicine, vinblastine, vincristine, vindesine, vinorelbine and vincamine. Cancer Cell International, 2022, 22, .	1.8	135
11	SARS-CoV-2 pathophysiology and its clinical implications: An integrative overview of the pharmacotherapeutic management of COVID-19. Food and Chemical Toxicology, 2020, 146, 111769.	1.8	117
12	Curcumin's Nanomedicine Formulations for Therapeutic Application in Neurological Diseases. Journal of Clinical Medicine, 2020, 9, 430.	1.0	116
13	Stable PEG-coated silver nanoparticles – A comprehensive toxicological profile. Food and Chemical Toxicology, 2018, 111, 546-556.	1.8	113
14	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. Food and Chemical Toxicology, 2018, 115, 470-481.	1.8	112
15	Cucurbits Plants: A Key Emphasis to Its Pharmacological Potential. Molecules, 2019, 24, 1854.	1.7	106
16	Genistein: An Integrative Overview of Its Mode of Action, Pharmacological Properties, and Health Benefits. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-36.	1.9	104
17	COVID-19, an opportunity to reevaluate the correlation between long-term effects of anthropogenic pollutants on viral epidemic/pandemic events and prevalence. Food and Chemical Toxicology, 2020, 141, 111418.	1.8	103
18	COVID-19 pandemic and alcohol consumption: Impacts and interconnections. Toxicology Reports, 2021, 8, 529-535.	1.6	101

#	Article	IF	CITATIONS
19	COVID‑19 in Northern Italy: An integrative overview of factors possibly influencing the sharp increase of the outbreak (Review). Molecular Medicine Reports, 2020, 22, 20-32.	1.1	96
20	Safety of COVID-19 vaccines administered in the EU: Should we be concerned?. Toxicology Reports, 2021, 8, 871-879.	1.6	95
21	Paclitaxel: Application in Modern Oncology and Nanomedicine-Based Cancer Therapy. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-24.	1.9	93
22	Hormetic Neurobehavioral effects of low dose toxic chemical mixtures in real-life risk simulation (RLRS) in rats. Food and Chemical Toxicology, 2019, 125, 141-149.	1.8	92
23	Polycystic Ovary Syndrome: A Comprehensive Review of Pathogenesis, Management, and Drug Repurposing. International Journal of Molecular Sciences, 2022, 23, 583.	1.8	91
24	Human papilloma virus: Apprehending the link with carcinogenesis and unveiling new research avenues (Review). International Journal of Oncology, 2018, 52, 637-655.	1.4	90
25	A Mechanistic and Pathophysiological Approach for Stroke Associated with Drugs of Abuse. Journal of Clinical Medicine, 2019, 8, 1295.	1.0	89
26	Cinnamomum Species: Bridging Phytochemistry Knowledge, Pharmacological Properties and Toxicological Safety for Health Benefits. Frontiers in Pharmacology, 2021, 12, 600139.	1.6	89
27	Plant-Derived Bioactives in Oral Mucosal Lesions: A Key Emphasis to Curcumin, Lycopene, Chamomile, Aloe vera, Green Tea and Coffee Properties. Biomolecules, 2019, 9, 106.	1.8	87
28	Probiotics: Versatile Bioactive Components in Promoting Human Health. Medicina (Lithuania), 2020, 56, 433.	0.8	85
29	Endocrine Disruptors Acting on Estrogen and Androgen Pathways Cause Reproductive Disorders through Multiple Mechanisms: A Review. International Journal of Environmental Research and Public Health, 2021, 18, 1464.	1.2	77
30	Neuropharmacological Effects of Quercetin: A Literature-Based Review. Frontiers in Pharmacology, 2021, 12, 665031.	1.6	77
31	The Effect of Silver Nanoparticles on Antioxidant/Pro-Oxidant Balance in a Murine Model. International Journal of Molecular Sciences, 2020, 21, 1233.	1.8	75
32	Oxidative Stress and Inflammation Interdependence in Multiple Sclerosis. Journal of Clinical Medicine, 2019, 8, 1815.	1.0	72
33	Potential Therapeutic Options for COVID-19: Current Status, Challenges, and Future Perspectives. Frontiers in Pharmacology, 2020, 11, 572870.	1.6	72
34	Targeted Metabolomic Analysis of Serum Fatty Acids for the Prediction of Autoimmune Diseases. Frontiers in Molecular Biosciences, 2019, 6, 120.	1.6	71
35	Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels. Toxicology Letters, 2019, 316, 154-170.	0.4	71
36	Adverse and hormetic effects in rats exposed for 12 months to low dose mixture of 13 chemicals: RLRS part III. Toxicology Letters, 2019, 310, 70-91.	0.4	71

#	Article	IF	CITATIONS
37	Veronica Plants—Drifting from Farm to Traditional Healing, Food Application, and Phytopharmacology. Molecules, 2019, 24, 2454.	1.7	66
38	Avocado–Soybean Unsaponifiables: A Panoply of Potentialities to Be Exploited. Biomolecules, 2020, 10, 130.	1.8	66
39	Discovery of potent telomerase activators: Unfolding new therapeutic and anti-aging perspectives. Molecular Medicine Reports, 2019, 20, 3701-3708.	1.1	65
40	<i>Ficus</i> plants: State of the art from a phytochemical, pharmacological, and toxicological perspective. Phytotherapy Research, 2021, 35, 1187-1217.	2.8	65
41	Inflammatory and Oxidative Stress Markers—Mirror Tools in Rheumatoid Arthritis. Biomedicines, 2020, 8, 125.	1.4	62
42	Cucurbita Plants: From Farm to Industry. Applied Sciences (Switzerland), 2019, 9, 3387.	1.3	60
43	Cannabinoids in the Pathophysiology of Skin Inflammation. Molecules, 2020, 25, 652.	1.7	60
44	Epibatidine: A Promising Natural Alkaloid in Health. Biomolecules, 2019, 9, 6.	1.8	59
45	Natural Coumarins: Exploring the Pharmacological Complexity and Underlying Molecular Mechanisms. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-19.	1.9	59
46	Diosgenin: An Updated Pharmacological Review and Therapeutic Perspectives. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-17.	1.9	58
47	The Treatment of Cognitive, Behavioural and Motor Impairments from Brain Injury and Neurodegenerative Diseases through Cannabinoid System Modulation—Evidence from In Vivo Studies. Journal of Clinical Medicine, 2020, 9, 2395.	1.0	53
48	Association of nutraceutical supplements with longer telomere length. International Journal of Molecular Medicine, 2019, 44, 218-226.	1.8	51
49	The Pharmacological Activities of Crocus sativus L.: A Review Based on the Mechanisms and Therapeutic Opportunities of its Phytoconstituents. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-29.	1.9	51
50	Antimicrobial resistance development following surgical site infections. Molecular Medicine Reports, 2017, 15, 681-688.	1.1	49
51	A Perspective on Emerging Therapeutic Interventions for COVID-19. Frontiers in Public Health, 2020, 8, 281.	1.3	49
52	Applications of Nanosized-Lipid-Based Drug Delivery Systems in Wound Care. Applied Sciences (Switzerland), 2021, 11, 4915.	1.3	48
53	Pharmacological Activities of Psoralidin: A Comprehensive Review of the Molecular Mechanisms of Action. Frontiers in Pharmacology, 2020, 11, 571459.	1.6	47
54	Vaccine- and natural infection-induced mechanisms that could modulate vaccine safety. Toxicology Reports, 2020, 7, 1448-1458.	1.6	47

#	Article	IF	Citations
55	Recent advances, approaches and challenges in targeting pathways for potential COVID-19 vaccines development. Immunologic Research, 2020, 68, 315-324.	1.3	45
56	The association of female and male infertility with telomere length (Review). International Journal of Molecular Medicine, 2019, 44, 375-389.	1.8	43
57	Molecular and cellular stratagem of brain metastases associated with melanoma (Review). Oncology Letters, 2019, 17, 4170-4175.	0.8	43
58	COVID-19 vaccines: ethical framework concerning human challenge studies. DARU, Journal of Pharmaceutical Sciences, 2020, 28, 807-812.	0.9	42
59	A Pharmacological Perspective on Plant-derived Bioactive Molecules for Epilepsy. Neurochemical Research, 2021, 46, 2205-2225.	1.6	42
60	Urtica dioica-Derived Phytochemicals for Pharmacological and Therapeutic Applications. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-30.	0.5	42
61	Staphylococcus aureus colonisation in patients from a primary regional hospital. Molecular Medicine Reports, 2017, 16, 8771-8780.	1.1	39
62	Dietary supplements, vitamins and minerals as potential interventions against viruses: Perspectives for COVID-19. International Journal for Vitamin and Nutrition Research, 2022, 92, 49-66.	0.6	39
63	Phytochemical Constituents, Biological Activities, and Health-Promoting Effects of the Melissa officinalis. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-20.	1.9	39
64	Cannabinoids and Inflammations of the Gut-Lung-Skin Barrier. Journal of Personalized Medicine, 2021, 11, 494.	1.1	38
65	Therapeutic Applications of Curcumin in Diabetes: A Review and Perspective. BioMed Research International, 2022, 2022, 1-14.	0.9	38
66	Tobacco Smoking and Liver Cancer Risk: Potential Avenues for Carcinogenesis. Journal of Oncology, 2021, 2021, 1-11.	0.6	37
67	Pharmacological Properties of Bergapten: Mechanistic and Therapeutic Aspects. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-10.	1.9	36
68	Back to basics in COVIDâ€19: Antigens and antibodiesâ€"Completing the puzzle. Journal of Cellular and Molecular Medicine, 2021, 25, 4523-4533.	1.6	35
69	Pharmacological management of non-alcoholic fatty liver disease: Atorvastatin versus pentoxifylline. Experimental and Therapeutic Medicine, 2017, 13, 2375-2381.	0.8	34
70	Current Concepts on the Reno-Protective Effects of Phosphodiesterase 5 Inhibitors in Acute Kidney Injury: Systematic Search and Review. Journal of Clinical Medicine, 2020, 9, 1284.	1.0	32
71	A Novel Nutraceutical Formulation Can Improve Motor Activity and Decrease the Stress Level in a Murine Model of Middle-Age Animals. Journal of Clinical Medicine, 2021, 10, 624.	1.0	32
72	Antimicrobial resistance in bacterial pathogens among hospitalised patients with severe invasive infections. Experimental and Therapeutic Medicine, 2018, 16, 4499-4510.	0.8	31

#	Article	IF	Citations
73	Sildenafil and tadalafil reduce the risk of contrast-induced nephropathy by modulating the oxidant/antioxidant balance in a murine model. Food and Chemical Toxicology, 2020, 135, 111038.	1.8	31
74	Reversal of brain aging by targeting telomerase: A nutraceutical approach. International Journal of Molecular Medicine, $2021,48,\ldots$	1.8	31
75	Nutraceutical Profiling, Bioactive Composition, and Biological Applications of Lepidium sativum L Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-20.	1.9	30
76	A guide to acquired vitamin K coagulophathy diagnosis and treatment: the Russian perspective. DARU, Journal of Pharmaceutical Sciences, 2017, 25, 10.	0.9	29
77	Management of Endocrinopathies in Pregnancy: A Review of Current Evidence. International Journal of Environmental Research and Public Health, 2019, 16, 781.	1.2	29
78	The Burden of the Serious and Difficult-to-Treat Infections and a New Antibiotic Available: Cefiderocol. Frontiers in Pharmacology, 2020, 11, 578823.	1.6	29
79	Therapeutic Potential of Neoechinulins and Their Derivatives: An Overview of the Molecular Mechanisms Behind Pharmacological Activities. Frontiers in Nutrition, 2021, 8, 664197.	1.6	29
80	Flavonoids as potential anti-platelet aggregation agents: from biochemistry to health promoting abilities. Critical Reviews in Food Science and Nutrition, 2022, 62, 8045-8058.	5.4	28
81	A Review of Recent Studies on the Antioxidant and Anti-Infectious Properties of Senna Plants. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-38.	1.9	28
82	Immunohistochemical expression of TGF beta (TGF- \hat{l}^2), TGF beta receptor 1 (TGFBR1), and Ki67 in intestinal variant of gastric adenocarcinomas. Romanian Journal of Morphology and Embryology, 2012, 53, 683-92.	0.4	28
83	Natural products and synthetic analogues against HIV: A perspective to develop new potential anti-HIV drugs. European Journal of Medicinal Chemistry, 2022, 233, 114217.	2.6	27
84	Prediction of Autoimmune Diseases by Targeted Metabolomic Assay of Urinary Organic Acids. Metabolites, 2020, 10, 502.	1.3	26
85	Age-dependent endocrine disorders involved in the pathogenesis of refractory acne in women. Molecular Medicine Reports, 2016, 14, 5501-5506.	1.1	25
86	Non-invasive imaging techniques for the ini¿½vivo diagnosis of Bowen's disease: Three case reports. Oncology Letters, 2019, 17, 4094-4101.	0.8	25
87	Phosphodiesterase-5 inhibitors ameliorate structural kidney damage in a rat model of contrast-induced nephropathy. Food and Chemical Toxicology, 2020, 143, 111535.	1.8	24
88	Ethnobotany, Phytochemistry, Biological Activities, and Health-Promoting Effects of the Genus Bulbophyllum. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-15.	0.5	24
89	A Literature-Based Update on Benincasa hispida (Thunb.) Cogn.: Traditional Uses, Nutraceutical, and Phytopharmacological Profiles. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-19.	1.9	24
90	Rare case of disseminated fusariosis in a young patient with graft vs. host disease following an allogeneic transplant. Experimental and Therapeutic Medicine, 2016, 12, 2078-2082.	0.8	23

#	Article	IF	CITATIONS
91	ADORA2A rs5760423 and CYP1A2 rs762551 Polymorphisms as Risk Factors for Parkinson's Disease. Journal of Clinical Medicine, 2021, 10, 381.	1.0	23
92	In Silico Screening of Natural Products as Potential Inhibitors of SARS-CoV-2 Using Molecular Docking Simulation. Chinese Journal of Integrative Medicine, 2022, 28, 249-256.	0.7	22
93	Thinking Outside the Ischemia Box: Advancements in the Use of Multiple Sclerosis Drugs in Ischemic Stroke. Journal of Clinical Medicine, 2021, 10, 630.	1.0	21
94	Hyssopus Essential Oil: An Update of Its Phytochemistry, Biological Activities, and Safety Profile. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-10.	1.9	21
95	Challenges and Scientific Prospects of the Newest Generation of mRNA-Based Vaccines against SARS-CoV-2. Life, 2021, 11, 907.	1.1	20
96	Biosynthesis of Secondary Metabolites Based on the Regulation of MicroRNAs. BioMed Research International, 2022, 2022, 1-20.	0.9	20
97	Colorectal Cancer and Inflammatory Bowel Disease. , 0, , .		19
98	The incidence of skin lesions in contrast media-induced chemical hypersensitivity. Experimental and Therapeutic Medicine, 2019, 17, 1113-1124.	0.8	19
99	Association of cytokine gene polymorphisms with osteoarthritis susceptibility. Experimental and Therapeutic Medicine, 2018, 16, 2659-2664.	0.8	19
100	Metabolic Fingerprint of Chronic Obstructive Lung Diseases: A New Diagnostic Perspective. Metabolites, 2019, 9, 290.	1.3	19
101	The role of Tumour Necrosis Factor in neuroinflammation associated with Parkinson's disease and targeted therapies. Neurochemistry International, 2022, 158, 105376.	1.9	19
102	Prevalence and Antimicrobial Resistance of Klebsiella Strains Isolated from a County Hospital in Romania. Antibiotics, 2021, 10, 868.	1.5	18
103	Unraveling the roles of vitaminÂD status and melanin during Covid‑19 (Review). International Journal of Molecular Medicine, 2020, 47, 92-100.	1.8	18
104	Bioactive Compounds as Potential Agents for Sexually Transmitted Diseases Management: A Review to Explore Molecular Mechanisms of Action. Frontiers in Pharmacology, 2021, 12, 674682.	1.6	17
105	HIGH SKIN MELANIN CONTENT, VITAMIN D DEFICIENCY AND IMMUNITY: POTENTIAL INTERFERENCE FOR SEVERITY OF COVID-19. Farmacia, 2020, 68, 970-983.	0.1	17
106	Lasia spinosa Chemical Composition and Therapeutic Potential: A Literature-Based Review. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-12.	1.9	17
107	Production, Transmission, Pathogenesis, and Control of Dengue Virus: A Literature-Based Undivided Perspective. BioMed Research International, 2021, 2021, 1-23.	0.9	17
108	Natural Compounds or Their Derivatives against Breast Cancer: A Computational Study. BioMed Research International, 2022, 2022, 1-10.	0.9	17

#	Article	IF	CITATIONS
109	Neurobiological Promises of the Bitter Diterpene Lactone Andrographolide. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-9.	1.9	15
110	Comparative study in leg telangiectasias treatment with Nd:YAG laser and sclerotherapy. Experimental and Therapeutic Medicine, 2018, 17, 1106-1112.	0.8	11
111	Amentoflavone, New Hope against SARS-CoV-2: An Outlook through its Scientific Records and an in silico Study. Pharmacognosy Research (discontinued), 2021, 13, 149-157.	0.3	11
112	THE ROLE OF HMGB1 IN THE IMMUNE RESPONSE TO SARS-COV-2 INFECTION: FROM PATHOGENESIS TOWARDS A NEW POTENTIAL THERAPEUTIC TARGET. Farmacia, 2021, 69, 621-634.	0.1	11
113	Differences in the distribution of CD20, CD3, CD34 and CD45RO in nasal mucosa and polyps from patients with chronic rhinosinusitis. Molecular Medicine Reports, 2019, 19, 2792-2800.	1.1	10
114	Rare amyloidoma of the tongue base: A case report and review of the literature. Molecular and Clinical Oncology, 2020, 12, 258-262.	0.4	10
115	COVID-19 and Artificial Intelligence: An Approach to Forecast the Severity of Diagnosis. Life, 2021, 11, 1281.	1.1	10
116	A Selective Histamine H4 Receptor Antagonist, JNJ7777120, Role on glutamate Transporter Activity in Chronic Depression. Journal of Personalized Medicine, 2022, 12, 246.	1.1	10
117	The Study of Airborne Particulate Matter in Dalnegorsk Town. International Journal of Environmental Research and Public Health, 2021, 18, 9234.	1.2	9
118	Detrimental effects of 6 months exposure to very low doses of a mixture of six pesticides associated with chronic vitamin deficiency on rats. Food and Chemical Toxicology, 2021, 152, 112188.	1.8	7
119	A novel approach regarding the antiâ€ʻaging of facial skin through collagen reorganization. Experimental and Therapeutic Medicine, 2020, 19, 717-721.	0.8	7
120	Renoprotective Effect of Vardenafil and Avanafil in Contrast-Induced Nephropathy: Emerging Evidence from an Animal Model. Journal of Personalized Medicine, 2022, 12, 670.	1.1	7
121	In Vivo Estimation of the Biological Effects of Endocrine Disruptors in Rabbits after Combined and Long-Term Exposure: Study Protocol. Toxics, 2022, 10, 246.	1.6	7
122	Toxicity of psychedelic drugs. , 2021, , 545-556.		6
123	Activities and Molecular Mechanisms of Diterpenes, Diterpenoids, and Their Derivatives in Rheumatoid Arthritis. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-20.	0.5	5
124	POSSIBLE MUTATION PATHWAYS IN SARS-CoV-2. Farmacia, 2021, 69, 1001-1017.	0.1	3
125	Mixture toxicity evaluation in modern toxicology. , 2021, , 3-12.		1
126	ADHERENCE TO BISPHOSPHONATE THERAPY IN POSTMENOPAUSAL ROMANIAN OSTEOPOROTIC WOMEN WITH HYPERTENSION. Value in Health, 2016, 19, A235.	0.1	0

#	Article	IF	CITATIONS
127	Cost-Effectiveness Analysis of Treatment for Recurrent Malignant Glioma in Romania. Value in Health, 2016, 19, A736.	0.1	o
128	Different Age Related Neurological and Cardiac Effects of Verapamil on a Transgenic Mouse Model of Alzheimer's Disease. Current Health Sciences Journal, 2021, 47, 263-269.	0.2	0