

# Andrey S Marchev

## List of Publications by Year in descending order

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35  
papers

990  
citations

516710

16  
h-index

434195

31  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1354  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative stress and chronic inflammation in osteoarthritis: can NRF2 counteract these partners in crime?. <i>Annals of the New York Academy of Sciences</i> , 2017, 1401, 114-135.	3.8	166
2	Bioprocessing of differentiated plant in vitro systems. <i>Engineering in Life Sciences</i> , 2013, 13, 26-38.	3.6	112
3	Green (cell) factories for advanced production of plant secondary metabolites. <i>Critical Reviews in Biotechnology</i> , 2020, 40, 443-458.	9.0	101
4	Rosmarinic acid - From bench to valuable applications in food industry. <i>Trends in Food Science and Technology</i> , 2021, 117, 182-193.	15.1	72
5	Causes and solutions to "obesity": The new fa(s)t alarming global epidemic. <i>Food and Chemical Toxicology</i> , 2018, 121, 173-193.	3.6	48
6	Sage in vitro cultures: a promising tool for the production of bioactive terpenes and phenolic substances. <i>Biotechnology Letters</i> , 2014, 36, 211-221.	2.2	40
7	Two-phase temporary immersion system for <i>Agrobacterium rhizogenes</i> genetic transformation of sage ( <i>Salvia tomentosa</i> Mill.). <i>Biotechnology Letters</i> , 2011, 33, 1873-1878.	2.2	36
8	<i>Rhodiola rosea</i> L.: from golden root to green cell factories. <i>Phytochemistry Reviews</i> , 2016, 15, 515-536.	6.5	35
9	Metabolic alterations of <i>Verbascum nigrum</i> L. plants and SAARt transformed roots as revealed by NMR-based metabolomics. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 123, 349-356.	2.3	34
10	Metabolomics and health: from nutritional crops and plant-based pharmaceuticals to profiling of human biofluids. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6487-6503.	5.4	33
11	Antidepressant-like effect of salidroside and curcumin on the immunoreactivity of rats subjected to a chronic mild stress model. <i>Food and Chemical Toxicology</i> , 2018, 121, 604-611.	3.6	28
12	Phytochemical variations of <i>Rhodiola rosea</i> L. wild-grown in Bulgaria. <i>Phytochemistry Letters</i> , 2017, 20, 386-390.	1.2	26
13	Altered expression of TRAIL on mouse T cells via ERK phosphorylation by <i>Rhodiola rosea</i> L. and its marker compounds. <i>Food and Chemical Toxicology</i> , 2017, 108, 419-428.	3.6	25
14	Beneficial effect of commercial <i>Rhodiola</i> extract in rats with scopolamine-induced memory impairment on active avoidance. <i>Journal of Ethnopharmacology</i> , 2016, 193, 586-591.	4.1	24
15	Authenticity and quality evaluation of different <i>Rhodiola</i> species and commercial products based on NMR spectroscopy and HPLC. <i>Phytochemical Analysis</i> , 2020, 31, 756-769.	2.4	18
16	Production of Oleanolic and Ursolic Acids by Callus Cultures of <i>Salvia tomentosa</i> Mill.. <i>Biotechnology and Biotechnological Equipment</i> , 2011, 25, 34-38.	1.3	17
17	Tailoring tobacco hairy root metabolism for the production of stilbenes. <i>Scientific Reports</i> , 2017, 7, 17976.	3.3	16
18	Plant In Vitro Systems as a Sustainable Source of Active Ingredients for Cosmeceutical Application. <i>Molecules</i> , 2020, 25, 2006.	3.8	16

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19	Protopine Production by <i>Fumaria</i> Cell Suspension Cultures: Effect of Light. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 287-300.	2.9	15
20	Anti-adipogenic activity of maackiain and ononin is mediated via inhibition of PPAR $\gamma$ in human adipocytes. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112908.	5.6	15
21	Genetic transformation of rare <i>Verbascum eriophorum</i> Godr. plants and metabolic alterations revealed by NMR-based metabolomics. <i>Biotechnology Letters</i> , 2016, 38, 1621-1629.	2.2	13
22	Anti-Adipogenic Effect of <i>Alchemilla monticola</i> is Mediated Via PI3K/AKT Signaling Inhibition in Human Adipocytes. <i>Frontiers in Pharmacology</i> , 2021, 12, 707507.	3.5	13
23	<i>Clinopodium vulgare</i> L. (wild basil) extract and its active constituents modulate cyclooxygenase-2 expression in neutrophils. <i>Food and Chemical Toxicology</i> , 2019, 124, 1-9.	3.6	11
24	Biotechnologically Produced <i>Lavandula angustifolia</i> Mill. Extract Rich in Rosmarinic Acid Resolves Psoriasis-Related Inflammation Through Janus Kinase/Signal Transducer and Activator of Transcription Signaling. <i>Frontiers in Pharmacology</i> , 2021, 12, 680168.	3.5	11
25	Triterpenes Production by Rhizogenic Callus of <i>Salvia Scabiosifolia</i> Lam. Obtained via <i>Agrobacterium Rhizogenes</i> Mediated Genetic Transformation. <i>Biotechnology and Biotechnological Equipment</i> , 2011, 25, 30-33.	1.3	10
26	<i>Nepeta nuda</i> ssp. <i>nuda</i> L. water extract: Inhibition of replication of some strains of human alpha herpes virus (genus simplex virus) in vitro, mode of action and NMR-based metabolomics. <i>Journal of Herbal Medicine</i> , 2020, 21, 100334.	2.0	10
27	Biotechnologically-Produced Myconoside and Calceolarioside E Induce Nrf2 Expression in Neutrophils. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1759.	4.1	10
28	Plant In Vitro Systems as Sources of Tropane Alkaloids. , 2013, , 173-211.		8
29	Nutrient medium optimization for hyoscyamine production in diploid and tetraploid <i>Datura stramonium</i> L. hairy root cultures. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 2239-2245.	3.6	7
30	Chemical Compositions of Essential Oils from Leaves and Flowers of <i>Salvia ringens</i> Sibth. et Sm. Growing Wild in Bulgaria. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2013, 16, 624-629.	1.9	7
31	Usnic Acid Treatment Changes the Composition of <i>Mycobacterium tuberculosis</i> Cell Envelope and Alters Bacterial Redox Status. <i>MSystems</i> , 2021, 6, .	3.8	7
32	Chemical Composition of Essential Oil of <i>Salvia scabiosifolia</i> Lam. from Bulgaria. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2012, 15, 908-914.	1.9	3
33	<i>Veronica austriaca</i> L. Extract and Arbutin Expand Mature Double TNF- $\alpha$ /IFN- $\gamma$ Neutrophils in Murine Bone Marrow Pool. <i>Molecules</i> , 2020, 25, 3410.	3.8	2
34	Tanshinones from <i>Salvia miltiorrhiza</i> inhibit <i>Mycobacterium tuberculosis</i> via disruption of the cell envelope surface and oxidative stress. <i>Food and Chemical Toxicology</i> , 2021, 156, 112405.	3.6	1
35	Transformed Root Culture: From Genetic Transformation to NMR-Based Metabolomics. <i>Methods in Molecular Biology</i> , 2018, 1815, 457-474.	0.9	0