

Ivan Atanassov

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

470
citations

759233

12
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

646
citing authors

#	ARTICLE	IF	CITATIONS
1	S-Acylation of the cellulose synthase complex is essential for its plasma membrane localization. <i>Science</i> , 2016, 353, 166-169.	12.6	75
2	Traditional <i>Rosa damascena</i> flower harvesting practices evaluated through GC/MS metabolite profiling of flower volatiles. <i>Food Chemistry</i> , 2011, 129, 1851-1859.	8.2	60
3	Tyrosinase inhibitory constituents from a polyphenol enriched fraction of rose oil distillation wastewater. <i>FÄ-toterapÄ-Äc</i> , 2016, 108, 13-19.	2.2	55
4	Functional Analysis of Cellulose Synthase (CESA) Protein Class Specificity. <i>Plant Physiology</i> , 2017, 173, 970-983.	4.8	48
5	Expression of an anther-specific chalcone synthase-like gene is correlated with uninucleate microspore development in <i>Nicotiana sylvestris</i> . <i>Plant Molecular Biology</i> , 1998, 38, 1169-1178.	3.9	40
6	Recovery of Polyphenols from Rose Oil Distillation Wastewater Using Adsorption Resins â€œ A Pilot Study. <i>Planta Medica</i> , 2014, 80, 1657-1664.	1.3	25
7	Low variability of flower volatiles of <i>Rosa damascena</i> Mill. plants from rose plantations along the Rose Valley, Bulgaria. <i>Industrial Crops and Products</i> , 2012, 37, 6-10.	5.2	23
8	SRAP markers for genetic diversity assessment of lavender (<i>Lavandula angustifolia</i> mill.) varieties and breeding lines. <i>Biotechnology and Biotechnological Equipment</i> , 2020, 34, 303-308.	1.3	23
9	Reducing methyl eugenol content in <i>Rosa damascena</i> Mill rose oil by changing the traditional rose flower harvesting practices. <i>European Food Research and Technology</i> , 2012, 234, 921-926.	3.3	18
10	A Polyphenol-Enriched Fraction of Rose Oil Distillation Wastewater Inhibits Cell Proliferation, Migration and TNF-Î±-Induced VEGF Secretion in Human Immortalized Keratinocytes. <i>Planta Medica</i> , 2016, 82, 1000-1008.	1.3	16
11	Genetic and Flower Volatile Diversity in Natural Populations of <i>Origanum vulgare</i> subsp. <i>hirtum</i> (Link) letsw. in Bulgaria: Toward the Development of a Core Collection. <i>Frontiers in Plant Science</i> , 2021, 12, 679063.	3.6	15
12	Carotenoids in five aeroterrestrial strains from <i>Vischeria/Eustigmatos</i> group: updating the pigment pattern of Eustigmatophyceae. <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 250-267.	1.3	14
13	Current bioeconomical interest in stramenopilic Eustigmatophyceae: a review. <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 302-314.	1.3	10
14	Review on the biotechnological and nanotechnological potential of the streptophyte genus <i>Klebsormidium</i> with pilot data on its phycoprospecting and polyphasic identification in Bulgaria. <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 559-578.	1.3	9
15	Exploring the capacity of endophytic fungi isolated from medicinal plants for fermentation and phenolics biotransformation of rose oil distillation wastewater. <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 651-663.	1.3	6
16	Mitochondrial Control Region DNA Variation in Turbot Populations from the Bulgarian and Romanian Black Sea Coasts. <i>Biotechnology and Biotechnological Equipment</i> , 2011, 25, 2627-2633.	1.3	5
17	High Archaea diversity in Varvara hot spring, Bulgaria. <i>Journal of Basic Microbiology</i> , 2011, 51, 163-172.	3.3	5
18	Genetic diversity and morphological characterisation of three turbot (<i>Scophthalmus maximus</i> L.,) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50 6	0.0	5

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19	Comparative study of screening with subtracted probe and differential screening on isolation of flower-specific cDNA clones from <i>Nicotiana sylvestris</i> . <i>Plant Science</i> , 1996, 118, 185-194.	3.6	4
20	Genetic control of flower petal number in <i>Rosa x Damascena</i> Mill f. <i>trigintipetala</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 597-604.	1.3	4
21	Morphological characterization and phylogenetic analysis of aeroterrestrial <i>Vischeria/Eustigmatos</i> strains with industrial potential. <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 231-242.	1.3	4
22	Seamless GFP and GFP-Amylase Cloning in Gateway Shuttle Vector, Expression of the Recombinant Proteins in <i>E. Coli</i> and <i>Bacillus Megaterium</i> and Assessment of the GFP-Amylase Thermostability. <i>Biotechnology and Biotechnological Equipment</i> , 2013, 27, 4172-4180.	1.3	3
23	Genetic and flower volatile diversity in two natural populations of <i>Hyssopus officinalis</i> L. in Bulgaria. <i>Biotechnology and Biotechnological Equipment</i> , 2020, 34, 1265-1272.	1.3	3
24	<i>Rosa x damascena</i> Mill. (Rose). <i>Handbook of Plant Breeding</i> , 2020, , 467-500.	0.1	0