HÃ©lÃ©na A Gaspar

List of Publications by Year
in descending order

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71	8,114	185998	79541
papers	citations	28	73
		h-index	g-index

76	76	76	12424
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. Nature Genetics, 2018, 50, 668-681.	9.4	2,224
2	Genome-wide association study identifies 30 loci associated with bipolar disorder. Nature Genetics, 2019, 51, 793-803.	9.4	1,191
3	Genome-wide association study identifies eight risk loci and implicates metabo-psychiatric origins for anorexia nervosa. Nature Genetics, 2019, 51, 1207-1214.	9.4	641
4	Genetic identification of brain cell types underlying schizophrenia. Nature Genetics, 2018, 50, 825-833.	9.4	497
5	Comparative genetic architectures of schizophrenia in East Asian and European populations. Nature Genetics, 2019, 51, 1670-1678.	9.4	440
6	Marketed Marine Natural Products in the Pharmaceutical and Cosmeceutical Industries: Tips for Success. Marine Drugs, 2014, 12, 1066-1101.	2.2	435
7	Significant Locus and Metabolic Genetic Correlations Revealed in Genome-Wide Association Study of Anorexia Nervosa. American Journal of Psychiatry, 2017, 174, 850-858.	4.0	410
8	A major role for common genetic variation in anxiety disorders. Molecular Psychiatry, 2020, 25, 3292-3303.	4.1	243
9	From Marine Origin to Therapeutics: The Antitumor Potential of Marine Algae-Derived Compounds. Frontiers in Pharmacology, 2018, 9, 777.	1.6	138
10	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. Biological Psychiatry, 2020, 88, 169-184.	0.7	137
11	Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. Molecular Psychiatry, 2020, 25, 1430-1446.	4.1	116
12	Translating genome-wide association findings into new therapeutics for psychiatry. Nature Neuroscience, 2016, 19, 1392-1396.	7.1	115
13	Evaluation of polygenic prediction methodology within a reference-standardized framework. PLoS Genetics, 2021, 17, e1009021.	1.5	99
14	Genomics of body fat percentage may contribute to sex bias in anorexia nervosa. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2019, 180, 428-438.	1.1	87
15	Antimicrobial Activity of Heterotrophic Bacterial Communities from the Marine Sponge Erylus discophorus (Astrophorida, Geodiidae). PLoS ONE, 2013, 8, e78992.	1.1	83
16	Indicators of mental disorders in UK Biobankâ€"A comparison of approaches. International Journal of Methods in Psychiatric Research, 2019, 28, e1796.	1.1	77
17	Raising awareness of new psychoactive substances: chemical analysis and in vitro toxicity screening of â€˜legal highâ€™ packages containing synthetic cathinones. Archives of Toxicology, 2015, 89, 757-771.	1.9	73
18	Antioxidant and Neuroprotective Potential of the Brown Seaweed Bifurcaria bifurcata in an in vitro Parkinsonâ€™s Disease Model. Marine Drugs, 2019, 17, 85.	2.2	59

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19	Genetic correlations of psychiatric traits with body composition and glycemic traits are sex- and age-dependent. Nature Communications, 2019, 10, 5765.	5.8	59
20	Localization and ecological significance of oroidin and sceptrin in the Caribbean sponge Agelas conifera. Biochemical Systematics and Ecology, 2003, 31, 1073-1091.	0.6	58
21	Marine invasive macroalgae: Turning a real threat into a major opportunity - the biotechnological potential of Sargassum muticum and Asparagopsis armata. Algal Research, 2018, 34, 217-234.	2.4	58
22	The antimicrobial activity of heterotrophic bacteria isolated from the marine sponge Erylus deficiens (Astrophorida, Geodiidae). Frontiers in Microbiology, 2015, 6, 389.	1.5	53
23	Biological annotation of genetic loci associated with intelligence in a meta-analysis of 87,740 individuals. Molecular Psychiatry, 2019, 24, 182-197.	4.1	47
24	Coloration and Defense in the Nudibranch Gastropod Hypselodoris fontandraui. Biological Bulletin, 2010, 218, 181-188.	0.7	42
25	Pelseneeriol-1 and -2: new furanosesquiterpene alcohols from porostome nudibranch Doriopsilla pelseneeri. Tetrahedron, 2005, 61, 11032-11037.	1.0	37
26	Using genetic drug-target networks to develop new drug hypotheses for major depressive disorder. Translational Psychiatry, 2019, 9, 117.	2.4	37
27	HPLC quantification of dye flavonoids in Reseda luteola L. from Portugal. Journal of Separation Science, 2008, 31, 3683-3687.	1.3	35
28	Genetic comorbidity between major depression and cardioâ€metabolic traits, stratified by age at onset of major depression. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2020, 183, 309-330.	1.1	33
29	Loliolide, a New Therapeutic Option for Neurological Diseases? In Vitro Neuroprotective and Anti-Inflammatory Activities of a Monoterpenoid Lactone Isolated from Codium tomentosum. International Journal of Molecular Sciences, 2021, 22, 1888.	1.8	33
30	CARBON/NUTRIENT BALANCE IN RELATION TO BIOMASS PRODUCTION AND HALOGENATED COMPOUND CONTENT IN THE RED ALGA ASPARAGOPSIS TAXIFORMIS (BONNEMAISONIACEAE)¹. Journal of Phycology, 2012, 48, 248-253.	1.0	29
31	Proactive response to tackle the threat of emerging drugs: Synthesis and toxicity evaluation of new cathinones. Forensic Science International, 2018, 290, 146-156.	1.3	28
32	Shared genetic risk between eating disorderâ€and substanceâ€useâ€related phenotypes: Evidence from genomeâ€wide association studies. Addiction Biology, 2021, 26, e12880.	1.4	28
33	How to Succeed in Marketing Marine Natural Products for Nutraceutical, Pharmaceutical and Cosmeceutical Markets. Grand Challenges in Biology and Biotechnology, 2018, , 317-403.	2.4	25
34	Structure-cytotoxicity relationship profile of 13 synthetic cathinones in differentiated human SH-SY5Y neuronal cells. NeuroToxicology, 2019, 75, 158-173.	1.4	25
35	Synthetic cannabinoids JWH-018, JWH-122, UR-144 and the phytocannabinoid THC activate apoptosis in placental cells. Toxicology Letters, 2020, 319, 129-137.	0.4	25
36	Probabilistic ancestry maps: a method to assess and visualize population substructures in genetics. BMC Bioinformatics, 2019, 20, 116.	1.2	22

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37	Isomeric Furanosesquiterpenes from the Portuguese Marine Sponge Fasciospongia sp.. Journal of Natural Products, 2008, 71, 2049-2052.	1.5	21
38	Determination of mitragynine in urine matrices by bar adsorptive microextraction and HPLC analysis. Talanta, 2015, 144, 105-109.	2.9	19
39	Antifungal Activity of (+)-Curcuphenol, a Metabolite from the Marine Sponge Didiscus oxeata. Marine Drugs, 2004, 2, 8-13.	2.2	18
40	Effects of hydrogen peroxide on the content of major volatile halogenated compounds in the red alga Asparagopsis taxiformis (Bonnemaisoniaceae). Journal of Applied Phycology, 2011, 23, 827-832.	1.5	18
41	Sterols from Teucrium abutiloides and T. betonicum. Phytochemistry, 1996, 43, 613-615.	1.4	17
42	Biosynthetic Evidence Supporting the Generation of Terpene Chemodiversity in Marine Mollusks of the Genus Doriopsilla. Journal of Natural Products, 2008, 71, 2053-2056.	1.5	17
43	Anti-Hepatocellular Carcinoma (HepG2) Activities of Monoterpene Hydroxy Lactones Isolated from the Marine Microalga Tisochrysis Lutea. Marine Drugs, 2020, 18, 567.	2.2	17
44	4F-PBP (4â€²-fluoro-Î±-pyrrolidinobutyrophenone), a new substance of abuse: Structural characterization and purity NMR profiling. Forensic Science International, 2015, 252, 168-176.	1.3	16
45	Drug Targetor: a web interface to investigate the human druggome for over 500 phenotypes. Bioinformatics, 2019, 35, 2515-2517.	1.8	16
46	Determination of Selected Cathinones in Blood by Solid-Phase Extraction and GCâ€“MS. Journal of Analytical Toxicology, 2021, 45, 233-242.	1.7	15
47	Turning the game around: toxicity in a nudibranch-sponge predatorâ€“prey association. Chemoecology, 2012, 22, 47-53.	0.6	14
48	Metabolic Profile of Four Selected Cathinones in Microsome Incubations: Identification of Phase I and II Metabolites by Liquid Chromatography High Resolution Mass Spectrometry. Frontiers in Chemistry, 2020, 8, 609251.	1.8	13
49	Natural Approaches for Neurological Disordersâ€”The Neuroprotective Potential of Codium tomentosum. Molecules, 2020, 25, 5478.	1.7	12
50	Marine invasive species for high-value products' exploration â€“ Unveiling the antimicrobial potential of Asparagopsis armata against human pathogens. Algal Research, 2020, 52, 102091.	2.4	12
51	Unravelling the Dermatological Potential of the Brown Seaweed Carpomitra costata. Marine Drugs, 2021, 19, 135.	2.2	12
52	Marine endophytic fungi associated with Halopteris scoparia (Linnaeus) Sauvageau as producers of bioactive secondary metabolites with potential dermocosmetic application. PLoS ONE, 2021, 16, e0250954.	1.1	12
53	Polypropionates from Bulla occidentalis: chemical markers and trophic relationships in cephalaspidean molluscs. Tetrahedron Letters, 2011, 52, 4595-4597.	0.7	10
54	Sphaerococcus coronopifolius bromoterpenes as potential cancer stem cell-targeting agents. Biomedicine and Pharmacotherapy, 2020, 128, 110275.	2.5	10

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55	Composition of the essential oil ofTeucrium haenseleri Boiss.. Flavour and Fragrance Journal, 1997, 12, 355-357.	1.2	9
56	Influence of soil fertility on dye flavonoids production in weld (Reseda luteolaL.) accessions from Portugal. Journal of Separation Science, 2009, 32, 4234-4240.	1.3	9
57	Separate and combined effects of genetic variants and pre-treatment whole blood gene expression on response to exposure-based cognitive behavioural therapy for anxiety disorders. World Journal of Biological Psychiatry, 2017, 18, 215-226.	1.3	9
58	Disclosing the potential of eleganolone for Parkinsonâ€™s disease therapeutics: Neuroprotective and anti-inflammatory activities. Pharmacological Research, 2021, 168, 105589.	3.1	9
59	Adverse outcome pathways induced by 3,4-dimethylmethcathinone and 4-methylmethcathinone in differentiated human SH-SY5Y neuronal cells. Archives of Toxicology, 2020, 94, 2481-2503.	1.9	8
60	A rearranged homo-neo-clerodane diterpenoid from Teucrium betonicum. Tetrahedron, 1995, 51, 2363-2368.	1.0	7
61	Does a shell matter for defence? Chemical deterrence in two cephalaspidean gastropods with calcified shells. Journal of Molluscan Studies, 2009, 75, 127-131.	0.4	7
62	Genetic influences on treatment-seeking for common mental health problems in the UK biobank. Behaviour Research and Therapy, 2019, 121, 103413.	1.6	7
63	Mitigating the negative impacts of marine invasive species â€“ Sargassum muticum - a key seaweed for skincare products development. Algal Research, 2022, 62, 102634.	2.4	7
64	Gelidiales Are Not Just Agarâ€”Revealing the Antimicrobial Potential of Gelidium corneum for Skin Disorders. Antibiotics, 2022, 11, 481.	1.5	7
65	Erylusamides: Novel Atypical Glycolipids from Erylus cf. deficiens. Marine Drugs, 2016, 14, 179.	2.2	6
66	Unravelling the Anti-Inflammatory and Antioxidant Potential of the Marine Sponge Cliona celata from the Portuguese Coastline. Marine Drugs, 2021, 19, 632.	2.2	5
67	Disclosing the antitumour potential of the marine bromoditerpene sphaerococcenol A on distinct cancer cellular models. Biomedicine and Pharmacotherapy, 2022, 149, 112886.	2.5	4
68	Cytotoxic Mechanism of Sphaerodactylomelol, an Uncommon Bromoditerpene Isolated from Sphaerococcus coronopifolius. Molecules, 2021, 26, 1374.	1.7	3
69	<scp>Selfâ€reported</scp> medication use as an alternate phenotyping method for anxiety and depression in the <scp>UK</scp> Biobank. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2021, 186, 389-398.	1.1	3
70	Bioactive Semisynthetic Derivatives of (S)-(+)-Curcuphenol. Natural Product Communications, 2008, 3, 1934578X0800300.	0.2	1
71	Simple Analytical Strategy for Screening Three Synthetic Cathinones (Î±-PVT, Î±-PVP, and MDPV) in Oral Fluids. Analyticaâ€”A Journal of Analytical Chemistry and Chemical Analysis, 2022, 3, 14-23.	0.8	1