

Helna A Gaspar

List of Publications by Year in Descending Order

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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.

69

papers

4,626

citations

25

h-index

68

g-index

76

ext. papers

6,680

ext. citations

7.4

avg, IF

4.82

L-index

#	Paper	IF	Citations
69	Mitigating the negative impacts of marine invasive species <i>Sargassum muticum</i> - a key seaweed for skincare products development. <i>Algal Research</i> , 2022 , 62, 102634	5	0
68	Simple Analytical Strategy for Screening Three Synthetic Cathinones (EPVT, EPVP, and MDPV) in Oral Fluids. <i>Analytical Journal of Analytical Chemistry and Chemical Analysis</i> , 2022 , 3, 14-23	1.4	
67	Disclosing the antitumour potential of the marine bromoditerpene sphaerococcenol A on distinct cancer cellular models.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 149, 112886	7.5	0
66	Self-reported medication use as an alternate phenotyping method for anxiety and depression in the UK Biobank. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2021 , 186, 389-398	3.5	0
65	Cytotoxic Mechanism of Sphaerodactylomelol, an Uncommon Bromoditerpene Isolated from. <i>Molecules</i> , 2021 , 26,	4.8	1
64	Evaluation of polygenic prediction methodology within a reference-standardized framework. <i>PLoS Genetics</i> , 2021 , 17, e1009021	6	22
63	Marine endophytic fungi associated with <i>Halopteris scoparia</i> (Linnaeus) Sauvageau as producers of bioactive secondary metabolites with potential dermocosmetic application. <i>PLoS ONE</i> , 2021 , 16, e0250934	3.7	2
62	Disclosing the potential of eleganolone for Parkinson's disease therapeutics: Neuroprotective and anti-inflammatory activities. <i>Pharmacological Research</i> , 2021 , 168, 105589	10.2	2
61	Determination of Selected Cathinones in Blood by Solid-Phase Extraction and GC-MS. <i>Journal of Analytical Toxicology</i> , 2021 , 45, 233-242	2.9	7
60	Shared genetic risk between eating disorder- and substance-use-related phenotypes: Evidence from genome-wide association studies. <i>Addiction Biology</i> , 2021 , 26, e12880	4.6	12
59	Loliolide, a New Therapeutic Option for Neurological Diseases? In Vitro Neuroprotective and Anti-Inflammatory Activities of a Monoterpenoid Lactone Isolated from. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
58	Unravelling the Dermatological Potential of the Brown Seaweed. <i>Marine Drugs</i> , 2021 , 19,	6	3
57	Adverse outcome pathways induced by 3,4-dimethylmethcathinone and 4-methylmethcathinone in differentiated human SH-SY5Y neuronal cells. <i>Archives of Toxicology</i> , 2020 , 94, 2481-2503	5.8	3
56	Sphaerococcus coronopifolius bromoterpenes as potential cancer stem cell-targeting agents. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 128, 110275	7.5	3
55	Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. <i>Molecular Psychiatry</i> , 2020 , 25, 1430-1446	15.1	47
54	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. <i>Biological Psychiatry</i> , 2020 , 88, 169-184	7.9	57
53	Synthetic cannabinoids JWH-018, JWH-122, UR-144 and the phytocannabinoid THC activate apoptosis in placental cells. <i>Toxicology Letters</i> , 2020 , 319, 129-137	4.4	14

52	A major role for common genetic variation in anxiety disorders. <i>Molecular Psychiatry</i> , 2020 , 25, 3292-3303	35.1	114
51	Genetic comorbidity between major depression and cardio-metabolic traits, stratified by age at onset of major depression. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020 , 183, 309-330	3.5	8
50	Anti-Hepatocellular Carcinoma (HepG2) Activities of Monoterpene Hydroxy Lactones Isolated from the Marine Microalga. <i>Marine Drugs</i> , 2020 , 18,	6	9
49	Natural Approaches for Neurological Disorders-The Neuroprotective Potential of. <i>Molecules</i> , 2020 , 25,	4.8	6
48	Marine invasive species for high-value productsSexploration Unveiling the antimicrobial potential of <i>Asparagopsis armata</i> against human pathogens. <i>Algal Research</i> , 2020 , 52, 102091	5	4
47	Metabolic Profile of Four Selected Cathinones in Microsome Incubations: Identification of Phase I and II Metabolites by Liquid Chromatography High Resolution Mass Spectrometry. <i>Frontiers in Chemistry</i> , 2020 , 8, 609251	5	1
46	Structure-cytotoxicity relationship profile of 13 synthetic cathinones in differentiated human SH-SY5Y neuronal cells. <i>NeuroToxicology</i> , 2019 , 75, 158-173	4.4	15
45	Genetic influences on treatment-seeking for common mental health problems in the UK biobank. <i>Behaviour Research and Therapy</i> , 2019 , 121, 103413	5.2	3
44	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , 2019 , 51, 793-803	36.3	662
43	Using genetic drug-target networks to develop new drug hypotheses for major depressive disorder. <i>Translational Psychiatry</i> , 2019 , 9, 117	8.6	21
42	Probabilistic ancestry maps: a method to assess and visualize population substructures in genetics. <i>BMC Bioinformatics</i> , 2019 , 20, 116	3.6	4
41	Antioxidant and Neuroprotective Potential of the Brown Seaweed in an in vitro Parkinson's Disease Model. <i>Marine Drugs</i> , 2019 , 17,	6	39
40	Genome-wide association study identifies eight risk loci and implicates metabo-psychiatric origins for anorexia nervosa. <i>Nature Genetics</i> , 2019 , 51, 1207-1214	36.3	303
39	Indicators of mental disorders in UK Biobank-A comparison of approaches. <i>International Journal of Methods in Psychiatric Research</i> , 2019 , 28, e1796	4.3	31
38	Comparative genetic architectures of schizophrenia in East Asian and European populations. <i>Nature Genetics</i> , 2019 , 51, 1670-1678	36.3	185
37	Genetic correlations of psychiatric traits with body composition and glycemic traits are sex- and age-dependent. <i>Nature Communications</i> , 2019 , 10, 5765	17.4	25
36	Genomics of body fat percentage may contribute to sex bias in anorexia nervosa. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019 , 180, 428-438	3.5	47
35	Drug Targetor: a web interface to investigate the human druggome for over 500 phenotypes. <i>Bioinformatics</i> , 2019 , 35, 2515-2517	7.2	9

34	Biological annotation of genetic loci associated with intelligence in a meta-analysis of 87,740 individuals. <i>Molecular Psychiatry</i> , 2019 , 24, 182-197	15.1	31
33	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , 2018 , 50, 668-681	36.3	1301
32	From Marine Origin to Therapeutics: The Antitumor Potential of Marine Algae-Derived Compounds. <i>Frontiers in Pharmacology</i> , 2018 , 9, 777	5.6	78
31	Proactive response to tackle the threat of emerging drugs: Synthesis and toxicity evaluation of new cathinones. <i>Forensic Science International</i> , 2018 , 290, 146-156	2.6	22
30	Marine invasive macroalgae: Turning a real threat into a major opportunity - the biotechnological potential of <i>Sargassum muticum</i> and <i>Asparagopsis armata</i> . <i>Algal Research</i> , 2018 , 34, 217-234	5	33
29	Genetic identification of brain cell types underlying schizophrenia. <i>Nature Genetics</i> , 2018 , 50, 825-833	36.3	295
28	How to Succeed in Marketing Marine Natural Products for Nutraceutical, Pharmaceutical and Cosmeceutical Markets. <i>Grand Challenges in Biology and Biotechnology</i> , 2018 , 317-403	2.4	12
27	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. <i>World Journal of Biological Psychiatry</i> , 2017 , 18, 215-226	3.8	7
26	Significant Locus and Metabolic Genetic Correlations Revealed in Genome-Wide Association Study of Anorexia Nervosa. <i>American Journal of Psychiatry</i> , 2017 , 174, 850-858	11.9	276
25	Translating genome-wide association findings into new therapeutics for psychiatry. <i>Nature Neuroscience</i> , 2016 , 19, 1392-1396	25.5	86
24	Erylusamides: Novel Atypical Glycolipids from <i>Erylus cf. deficiens</i> . <i>Marine Drugs</i> , 2016 , 14,	6	6
23	Determination of mitragynine in urine matrices by bar adsorptive microextraction and HPLC analysis. <i>Talanta</i> , 2015 , 144, 105-9	6.2	14
22	4F-PBP (4Sfluoro- β -pyrrolidinobutyrophenone), a new substance of abuse: Structural characterization and purity NMR profiling. <i>Forensic Science International</i> , 2015 , 252, 168-76	2.6	13
21	Raising awareness of new psychoactive substances: chemical analysis and in vitro toxicity screening of legal high packages containing synthetic cathinones. <i>Archives of Toxicology</i> , 2015 , 89, 757-71	5.8	60
20	The antimicrobial activity of heterotrophic bacteria isolated from the marine sponge <i>Erylus deficiens</i> (Astrophorida, Geodiidae). <i>Frontiers in Microbiology</i> , 2015 , 6, 389	5.7	39
19	Marketed marine natural products in the pharmaceutical and cosmeceutical industries: tips for success. <i>Marine Drugs</i> , 2014 , 12, 1066-101	6	336
18	Antimicrobial activity of heterotrophic bacterial communities from the marine sponge <i>Erylus discophorus</i> (Astrophorida, Geodiidae). <i>PLoS ONE</i> , 2013 , 8, e78992	3.7	56
17	Turning the game around: toxicity in a nudibranch-sponge predator-prey association. <i>Chemoecology</i> , 2012 , 22, 47-53	2	11

16	CARBON/NUTRIENT BALANCE IN RELATION TO BIOMASS PRODUCTION AND HALOGENATED COMPOUND CONTENT IN THE RED ALGA ASPARAGOPSIS TAXIFORMIS (BONNEMAISONIACEAE)(1). <i>Journal of Phycology</i> , 2012 , 48, 248-53	3	17
15	Polypropionates from <i>Bulla occidentalis</i> : chemical markers and trophic relationships in cephalaspidean molluscs. <i>Tetrahedron Letters</i> , 2011 , 52, 4595-4597	2	7
14	Effects of hydrogen peroxide on the content of major volatile halogenated compounds in the red alga <i>Asparagopsis taxiformis</i> (Bonnemaisoniaceae). <i>Journal of Applied Phycology</i> , 2011 , 23, 827-832	3.2	11
13	Coloration and defense in the nudibranch gastropod <i>Hypselodoris fontandraui</i> . <i>Biological Bulletin</i> , 2010 , 218, 181-8	1.5	39
12	Influence of soil fertility on dye flavonoids production in weld (<i>Reseda luteola</i> L.) accessions from Portugal. <i>Journal of Separation Science</i> , 2009 , 32, 4234-40	3.4	9
11	Does a shell matter for defence? Chemical deterrence in two cephalaspidean gastropods with calcified shells. <i>Journal of Molluscan Studies</i> , 2009 , 75, 127-131	1.1	6
10	Isomeric furanosesquiterpenes from the Portuguese marine sponge <i>Fasciospongia</i> sp. <i>Journal of Natural Products</i> , 2008 , 71, 2049-52	4.9	19
9	Biosynthetic evidence supporting the generation of terpene chemodiversity in marine mollusks of the genus <i>Doriopsilla</i> . <i>Journal of Natural Products</i> , 2008 , 71, 2053-6	4.9	15
8	Bioactive Semisynthetic Derivatives of (S)-(+)-Curcuphenol. <i>Natural Product Communications</i> , 2008 , 3, 1934578X0800300	0.9	
7	HPLC quantification of dye flavonoids in <i>Reseda luteola</i> L. from Portugal. <i>Journal of Separation Science</i> , 2008 , 31, 3683-7	3.4	31
6	Pelseneeriol-1 and -2: new furanosesquiterpene alcohols from porostome nudibranch <i>Doriopsilla pelseneeri</i> . <i>Tetrahedron</i> , 2005 , 61, 11032-11037	2.4	36
5	Antifungal Activity of (+)-Curcuphenol, a Metabolite from the Marine Sponge <i>Didiscus oxeata</i> . <i>Marine Drugs</i> , 2004 , 2, 8-13	6	15
4	Localization and ecological significance of oroidin and sceptrin in the Caribbean sponge <i>Agelas conifera</i> . <i>Biochemical Systematics and Ecology</i> , 2003 , 31, 1073-1091	1.4	47
3	Composition of the essential oil of <i>Teucrium haenseleri</i> Boiss.. <i>Flavour and Fragrance Journal</i> , 1997 , 12, 355-357	2.5	9
2	Sterols from <i>Teucrium abutiloides</i> and <i>T. betonicum</i> . <i>Phytochemistry</i> , 1996 , 43, 613-615	4	15
1	A rearranged homo-neo-clerodane diterpenoid from <i>Teucrium betonicum</i> . <i>Tetrahedron</i> , 1995 , 51, 2363-2368		6