

Elena Barbieri

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,434
citations

257101

24
h-index

214527

47
g-index

73
all docs

73
docs citations

73
times ranked

3595
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive Oxygen Species in Skeletal Muscle Signaling. <i>Journal of Signal Transduction</i> , 2012, 2012, 1-17.	2.0	277
2	Muscle Releases Alpha-Sarcoglycan Positive Extracellular Vesicles Carrying miRNAs in the Bloodstream. <i>PLoS ONE</i> , 2015, 10, e0125094.	1.1	153
3	Phylogenetic characterization of epibiotic bacteria in the accessory nidamental gland and egg capsules of the squid <i>Loligo pealei</i> (Cephalopoda: Loliginidae). <i>Environmental Microbiology</i> , 2001, 3, 151-167.	1.8	123
4	Occurrence and diversity of bacterial communities in <i>Tuber magnatum</i> during truffle maturation. <i>Environmental Microbiology</i> , 2007, 9, 2234-2246.	1.8	120
5	New evidence for bacterial diversity in the ascoma of the ectomycorrhizal fungus <i>Tuber borchii</i> Vittad.. <i>FEMS Microbiology Letters</i> , 2005, 247, 23-35.	0.7	114
6	Expression and subcellular localization of myogenic regulatory factors during the differentiation of skeletal muscle C2C12 myoblasts. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 1302-1317.	1.2	95
7	New evidence for nitrogen fixation within the Italian white truffle <i>Tuber magnatum</i> . <i>Fungal Biology</i> , 2010, 114, 936-942.	1.1	95
8	Phylogenetic Characterization and In Situ Detection of a Cytophaga-Flexibacter-Bacteroides Phylogroup Bacterium in <i>Tuber borchii</i> Vittad. Ectomycorrhizal Mycelium. <i>Applied and Environmental Microbiology</i> , 2000, 66, 5035-5042.	1.4	83
9	Muscle and Bone Health in Postmenopausal Women: Role of Protein and Vitamin D Supplementation Combined with Exercise Training. <i>Nutrients</i> , 2018, 10, 1103.	1.7	78
10	Effect of storage on biochemical and microbiological parameters of edible truffle species. <i>Food Chemistry</i> , 2008, 109, 8-16.	4.2	75
11	Creatine supplementation prevents the inhibition of myogenic differentiation in oxidatively injured C2C12 murine myoblasts. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 1187-1204.	1.5	69
12	Geographical traceability of Italian white truffle (<i>Tuber magnatum</i> Pico) by the analysis of volatile organic compounds. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3147-3153.	0.7	68
13	<i>Shewanella pealeana</i> sp. nov., a member of the microbial community associated with the accessory nidamental gland of the squid <i>Loligo pealei</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 1999, 49, 1341-1351.	0.8	67
14	The Pleiotropic Effect of Physical Exercise on Mitochondrial Dynamics in Aging Skeletal Muscle. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-15.	1.9	63
15	Mutual Interactions among Exercise, Sport Supplements and Microbiota. <i>Nutrients</i> , 2020, 12, 17.	1.7	57
16	Morphofunctional and Biochemical Approaches for Studying Mitochondrial Changes during Myoblasts Differentiation. <i>Journal of Aging Research</i> , 2011, 2011, 1-16.	0.4	54
17	How the brain processes different dimensions of argument structure complexity: Evidence from fMRI. <i>Brain and Language</i> , 2015, 142, 65-75.	0.8	50
18	Concurrent Aerobic and Resistance Training Has Anti-Inflammatory Effects and Increases Both Plasma and Leukocyte Levels of IGF-1 in Late Middle-Aged Type 2 Diabetic Patients. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	1.9	45

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19	Neural Correlates of Processing Passive Sentences. <i>Brain Sciences</i> , 2013, 3, 1198-1214.	1.1	44
20	Recovery of offline and online sentence processing in aphasia: Language and domain-general network neuroplasticity. <i>Cortex</i> , 2019, 120, 394-418.	1.1	38
21	Human IGF1 pro-forms induce breast cancer cell proliferation via the IGF1 receptor. <i>Cellular Oncology (Dordrecht)</i> , 2016, 39, 149-159.	2.1	33
22	New Insights into the Role of Exercise in Inhibiting mTOR Signaling in Triple-Negative Breast Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-19.	1.9	33
23	A combined morphologic and molecular approach for characterizing fungal microflora from a traditional Italian cheese (Fossa cheese). <i>International Dairy Journal</i> , 2010, 20, 465-471.	1.5	32
24	Common and distinct neural substrates of sentence production and comprehension. <i>NeuroImage</i> , 2021, 224, 117374.	2.1	30
25	Muscle and Systemic Molecular Responses to a Single Flywheel Based Iso-Inertial Training Session in Resistance-Trained Men. <i>Frontiers in Physiology</i> , 2019, 10, 554.	1.3	28
26	Creatine Prevents the Structural and Functional Damage to Mitochondria in Myogenic, Oxidatively Stressed C2C12 Cells and Restores Their Differentiation Capacity. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	1.9	27
27	Effects of a Home-Based Lifestyle Intervention Program on Cardiometabolic Health in Breast Cancer Survivors during the COVID-19 Lockdown. <i>Journal of Clinical Medicine</i> , 2021, 10, 2678.	1.0	26
28	Physiologic Responses of Firefighter Recruits During a Supervised Live-Fire Work Performance Test. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 2396-2404.	1.0	25
29	MIR retroposon exonization promotes evolutionary variability and generates species-specific expression of IGF-1 splice variants. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 757-768.	0.9	25
30	New insights into the trophic and cytoprotective effects of creatine in in vitro and in vivo models of cell maturation. <i>Amino Acids</i> , 2016, 48, 1897-1911.	1.2	24
31	Right Hemisphere Grey Matter Volume and Language Functions in Stroke Aphasia. <i>Neural Plasticity</i> , 2017, 2017, 1-14.	1.0	21
32	Identification and characterization of the Tuber borchii d-mannitol dehydrogenase which defines a new subfamily within the polyol-specific medium chain dehydrogenases. <i>Fungal Genetics and Biology</i> , 2007, 44, 965-978.	0.9	20
33	The Tuber borchii fruiting body-specific protein TBF-1, a novel lectin which interacts with associated Rhizobium species. <i>FEMS Microbiology Letters</i> , 2008, 284, 197-203.	0.7	20
34	Argument structure deficits in aphasia: New perspective on models of lexical production. <i>Aphasiology</i> , 2010, 24, 1400-1423.	1.4	20
35	The intrinsically disordered E-domains regulate the IGF-1 prohormones stability, subcellular localisation and secretion. <i>Scientific Reports</i> , 2018, 8, 8919.	1.6	17
36	Cancer Related Anemia: An Integrated Multitarget Approach and Lifestyle Interventions. <i>Nutrients</i> , 2021, 13, 482.	1.7	17

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37	Hyphal and cytoskeleton polarization in <i>Tuber melanosporum</i> : A genomic and cellular analysis. <i>Fungal Genetics and Biology</i> , 2011, 48, 561-572.	0.9	16
38	Bacterial diversity of traditional Fossa (pit) cheese and its ripening environment. <i>International Dairy Journal</i> , 2012, 23, 62-67.	1.5	16
39	Is It Important to Perform Physical Activity During Coronavirus Pandemic (COVID-19)? Driving Action for a Correct Exercise Plan. <i>Frontiers in Public Health</i> , 2020, 8, 602020.	1.3	16
40	Special Attention to Physical Activity in Breast Cancer Patients during the First Wave of COVID-19 Pandemic in Italy: The DianaWeb Cohort. <i>Journal of Personalized Medicine</i> , 2021, 11, 381.	1.1	16
41	Microbial and pigment profile of the reddish patch occurring within <i>Tuber magnatum</i> ascomata. <i>Fungal Biology</i> , 2018, 122, 1134-1141.	1.1	15
42	Competitive PCR for Quantitation of a Cytophaga-Flexibacter-Bacteroides Phylum Bacterium Associated with the <i>Tuber borchii</i> Vittad. Mycelium. <i>Applied and Environmental Microbiology</i> , 2002, 68, 6421-6424.	1.4	14
43	Truffle-Associated Bacteria: Extrapolation from Diversity to Function. <i>Soil Biology</i> , 2016, , 301-317.	0.6	13
44	A dataset on the effect of exercise-conditioned human sera in three-dimensional breast cancer cell culture. <i>Data in Brief</i> , 2019, 27, 104704.	0.5	13
45	Treatment of Achilles Tendinopathy in Recreational Runners with Peritendinous Hyaluronic Acid Injections: A Viscoelastometric, Functional, and Biochemical Pilot Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 1397.	1.0	13
46	Effects of acute aerobic, resistance and combined exercises on 24-h glucose variability and skeletal muscle signalling responses in type 1 diabetics. <i>European Journal of Applied Physiology</i> , 2020, 120, 2677-2691.	1.2	12
47	Effects of Creatine in Skeletal Muscle Cells and in Myoblasts Differentiating Under Normal or Oxidatively Stressing Conditions. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 16, 4-11.	1.1	12
48	Verb and sentence processing patterns in healthy Italian participants: Insight from the Northwestern Assessment of Verbs and Sentences (NAVS). <i>Journal of Communication Disorders</i> , 2019, 79, 58-75.	0.8	11
49	Mitohormesis in muscle cells: a morphological, molecular, and proteomic approach. <i>Muscles, Ligaments and Tendons Journal</i> , 2013, 3, 254-66.	0.1	11
50	Quantifying grammatical impairments in primary progressive aphasia: Structured language tests and narrative language production. <i>Neuropsychologia</i> , 2021, 151, 107713.	0.7	10
51	Online sentence processing impairments in agrammatic and logopenic primary progressive aphasia: Evidence from ERP. <i>Neuropsychologia</i> , 2021, 151, 107728.	0.7	9
52	Altered muscle mitochondrial, inflammatory and trophic markers, and reduced exercise training adaptations in type 1 diabetes. <i>Journal of Physiology</i> , 2022, 600, 1405-1418.	1.3	9
53	Does argument structure complexity affect reading? A case study of an Italian agrammatic patient with deep dyslexia. <i>Applied Psycholinguistics</i> , 2015, 36, 533-558.	0.8	8
54	Sugar transporters in the black truffle <i>Tuber melanosporum</i> : from gene prediction to functional characterization. <i>Fungal Genetics and Biology</i> , 2015, 81, 52-61.	0.9	8

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55	The Impact of Lifestyle Interventions in High-Risk Early Breast Cancer Patients: A Modeling Approach from a Single Institution Experience. <i>Cancers</i> , 2021, 13, 5539.	1.7	7
56	Semantic Typicality Effects in Primary Progressive Aphasia. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2018, 33, 292-300.	0.9	6
57	Nutraceuticals and Physical Activity as Antidepressants: The Central Role of the Gut Microbiota. <i>Antioxidants</i> , 2022, 11, 236.	2.2	6
58	Processing Argument Structure and Syntactic Complexity in People with Schizophrenia Spectrum Disorders. <i>Journal of Communication Disorders</i> , 2022, 96, 106182.	0.8	6
59	Plasticity of sentence processing networks: evidence from a patient with agrammatic variant of primary progressive aphasia (PPA). <i>Neurocase</i> , 2021, 27, 39-56.	0.2	5
60	Reliability of BOLD signals in chronic stroke-induced aphasia. <i>European Journal of Neuroscience</i> , 2020, 52, 3963-3978.	1.2	3
61	A Mixed-approach program To help women with breast cancer stay active (MOTIVE program): A pilot-controlled study. <i>Heliyon</i> , 2021, 7, e08252.	1.4	3
62	Defective IGF-1 prohormone N-glycosylation and reduced IGF-1 receptor signaling activation in congenital disorders of glycosylation. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 150.	2.4	3
63	Ectomycorrhizal Helper Bacteria: The Third Partner in the Symbiosis. <i>Soil Biology</i> , 2012, , 125-141.	0.6	2
64	The "Journal of Functional Morphology and Kinesiology" Journal Club Series: Highlights on Recent Papers in Physical Activity and Sedentary Behavior. <i>Journal of Functional Morphology and Kinesiology</i> , 2018, 3, 23.	1.1	2
65	Effect of word- and sentence-level interventions on language network re-organization in chronic aphasia: an fMRI study.. <i>Frontiers in Human Neuroscience</i> , 0, 13, .	1.0	1
66	Kinesiology Students'™ Perception Regarding Exercise Oncology: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7724.	1.2	1
67	Argument Structure Processing in Deep Dyslexia: The Effect of the Number of Arguments in a Verb Naming Task. <i>Procedia, Social and Behavioral Sciences</i> , 2010, 6, 152-153.	0.5	0
68	Three Sides of a Same Coin? An Investigation of Phonological Dyslexia in a Group of Italian Aphasic Patients. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 23, 82-83.	0.5	0
69	A Mixed-Approach Program To Help Women With Breast Cancer Stay Active (MOTIVE Program): A Pilot-Controlled Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
70	The Pleiotropic Effect of Physical Exercise on Mitochondrial Dynamics in Aging Skeletal Muscle. , 2016, , 147-182.		0
71	Verb-argument integration in agrammatic aphasia: Evidence from event-related potentials. <i>Frontiers in Human Neuroscience</i> , 0, 12, .	1.0	0
72	Syntax Acquisition in Healthy Adults and Post-Stroke Individuals: The Intriguing Role of Grammatical Preference, Statistical Learning, and Education. <i>Brain Sciences</i> , 2022, 12, 616.	1.1	0