

Sonya Vasto

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

4,439
citations

81839

39
h-index

114418

63
g-index

106
all docs

106
docs citations

106
times ranked

6420
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammatory networks in ageing, age-related diseases and longevity. <i>Mechanisms of Ageing and Development</i> , 2007, 128, 83-91.	2.2	430
2	Modulation of Nrf2/ARE Pathway by Food Polyphenols: A Nutritional Neuroprotective Strategy for Cognitive and Neurodegenerative Disorders. <i>Molecular Neurobiology</i> , 2011, 44, 192-201.	1.9	325
3	Age-Related Inflammation: the Contribution of Different Organs, Tissues and Systems. How to Face it for Therapeutic Approaches. <i>Current Pharmaceutical Design</i> , 2010, 16, 609-618.	0.9	150
4	Low Grade Inflammation as a Common Pathogenetic Denominator in Age-Related Diseases: Novel Drug Targets for Anti-Ageing Strategies and Successful Ageing Achievement. <i>Current Pharmaceutical Design</i> , 2010, 16, 584-596.	0.9	127
5	Inflammation, ageing and cancer. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 40-45.	2.2	114
6	Immunogenetics, Gender, and Longevity. <i>Annals of the New York Academy of Sciences</i> , 2006, 1089, 516-537.	1.8	108
7	Association between the interleukin-1 β polymorphisms and Alzheimer's disease: A systematic review and meta-analysis. <i>Brain Research Reviews</i> , 2008, 59, 155-163.	9.1	107
8	Inflammation, genes and zinc in Alzheimer's disease. <i>Brain Research Reviews</i> , 2008, 58, 96-105.	9.1	97
9	Validation of a food frequency questionnaire for use in Italian adults living in Sicily. <i>International Journal of Food Sciences and Nutrition</i> , 2015, 66, 426-438.	1.3	96
10	Metformin increases APP expression and processing via oxidative stress, mitochondrial dysfunction and NF- κ B activation: Use of insulin to attenuate metformin's effect. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1046-1059.	1.9	95
11	Biology of Longevity: Role of the Innate Immune System. <i>Rejuvenation Research</i> , 2006, 9, 143-148.	0.9	93
12	Effect of interleukin-6 polymorphisms on human longevity: A systematic review and meta-analysis. <i>Ageing Research Reviews</i> , 2009, 8, 36-42.	5.0	93
13	Role of persistent CMV infection in configuring T cell immunity in the elderly. <i>Immunity and Ageing</i> , 2007, 4, 2.	1.8	86
14	Inflammation, Cytokines, Immune Response, Apolipoprotein E, Cholesterol, and Oxidative Stress in Alzheimer Disease: Therapeutic Implications. <i>Rejuvenation Research</i> , 2010, 13, 301-313.	0.9	83
15	Systemic Immune Responses in Alzheimer's Disease: In Vitro Mononuclear Cell Activation and Cytokine Production. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 181-192.	1.2	81
16	Mediterranean Diet and Healthy Ageing: A Sicilian Perspective. <i>Gerontology</i> , 2014, 60, 508-518.	1.4	80
17	Zinc and Inflammatory/Immune Response in Aging. <i>Annals of the New York Academy of Sciences</i> , 2007, 1100, 111-122.	1.8	67
18	Inflammation and prostate cancer. <i>Future Oncology</i> , 2008, 4, 637-645.	1.1	66

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19	Association between the Polymorphisms of TLR4 and CD14 Genes and Alzheimers Disease. Current Pharmaceutical Design, 2008, 14, 2672-2677.	0.9	65
20	The extreme longevity: The state of the art in Italy. Experimental Gerontology, 2008, 43, 45-52.	1.2	64
21	Immune-Inflammatory Responses and Oxidative Stress in Alzheimers Disease: Therapeutic Implications. Current Pharmaceutical Design, 2010, 16, 684-691.	0.9	64
22	Inflammation, Longevity, and Cardiovascular Diseases: Role of Polymorphisms of TLR4. Annals of the New York Academy of Sciences, 2006, 1067, 282-287.	1.8	59
23	Inflammation, genes and zinc in ageing and age-related diseases. Biogerontology, 2006, 7, 315-327.	2.0	55
24	Human longevity within an evolutionary perspective: The peculiar paradigm of a post-reproductive genetics. Experimental Gerontology, 2008, 43, 53-60.	1.2	55
25	Immunosenescence and Anti-Immunosenescence Therapies: The Case of Probiotics. Rejuvenation Research, 2008, 11, 425-432.	0.9	55
26	Nutrigerontology: a key for achieving successful ageing and longevity. Immunity and Ageing, 2016, 13, 17.	1.8	55
27	CCR5 Receptor: Biologic and Genetic Implications in Age-Related Diseases. Annals of the New York Academy of Sciences, 2007, 1100, 162-172.	1.8	53
28	B Cells Compartment in Centenarian Offspring and Old People. Current Pharmaceutical Design, 2010, 16, 604-608.	0.9	53
29	Role of the pyrin M694V (A2080G) allele in acute myocardial infarction and longevity: a study in the Sicilian population. Journal of Leukocyte Biology, 2006, 79, 611-615.	1.5	52
30	Remodelling of biological parameters during human ageing: evidence for complex regulation in longevity and in type 2 diabetes. Age, 2013, 35, 419-429.	3.0	48
31	Association of obesity and diabetes with thyroid nodules. Endocrine, 2018, 60, 339-347.	1.1	48
32	Alzheimer's disease and genetics of inflammation: a pharmacogenomic vision. Pharmacogenomics, 2007, 8, 1735-1745.	0.6	47
33	Age-Related Inflammatory Diseases: Role of Genetics and Gender in the Pathophysiology of Alzheimer's Disease. Annals of the New York Academy of Sciences, 2006, 1089, 472-486.	1.8	46
34	Probiotics and Oral Health. Current Pharmaceutical Design, 2012, 18, 5522-5531.	0.9	46
35	Mediterranean Diet And Longevity: An Example Of Nutraceuticals?. Current Vascular Pharmacology, 2013, 12, 735-738.	0.8	46
36	Biomarkes of aging. Frontiers in Bioscience - Scholar, 2010, S2, 392-402.	0.8	42

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37	Beta-glucans and cancer: The influence of inflammation and gut peptide. <i>European Journal of Medicinal Chemistry</i> , 2017, 142, 486-492.	2.6	42
38	Nutraceutical Properties of Extra-Virgin Olive Oil: A Natural Remedy for Age-Related Disease?. <i>Rejuvenation Research</i> , 2014, 17, 217-220.	0.9	41
39	Polymorphisms of pro-inflammatory genes and Alzheimer's disease risk: A pharmacogenomic approach. <i>Mechanisms of Ageing and Development</i> , 2007, 128, 67-75.	2.2	40
40	Inflammatory Mediators as Biomarkers in Brain Disorders. <i>Inflammation</i> , 2013, 37, 639-48.	1.7	40
41	Polymorphisms of pro-inflammatory genes and prostate cancer risk: a pharmacogenomic approach. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1919-1933.	2.0	39
42	Factors associated with circulating concentrations of irisin in the general population cohort of the ABCD study. <i>International Journal of Obesity</i> , 2018, 42, 398-404.	1.6	37
43	Immunity & Ageing: a new journal looking at ageing from an immunological point of view. , 2004, 1, 1.		36
44	Gender-Related Immune-Inflammatory Factors, Age-Related Diseases, and Longevity. <i>Rejuvenation Research</i> , 2010, 13, 292-297.	0.9	35
45	Administration of a Synbiotic to Free-Living Elderly and Evaluation of Serum Cytokines. A Pilot Study. <i>Current Pharmaceutical Design</i> , 2010, 16, 854-858.	0.9	34
46	Post-Acute COVID-19 Neurological Syndrome: A New Medical Challenge. <i>Journal of Clinical Medicine</i> , 2021, 10, 1947.	1.0	34
47	The Impact of Diet and Physical Activity on Bone Health in Children and Adolescents. <i>Frontiers in Endocrinology</i> , 2021, 12, 704647.	1.5	33
48	Opposite Role of Pro-Inflammatory Alleles in Acute Myocardial Infarction and Longevity: Results of Studies Performed in a Sicilian Population. <i>Annals of the New York Academy of Sciences</i> , 2006, 1067, 270-275.	1.8	31
49	Pharmacogenomics: A Tool to Prevent and Cure Coronary Heart Disease. <i>Current Pharmaceutical Design</i> , 2007, 13, 3726-3734.	0.9	30
50	Mediterranean Diet and Longevity in Sicily: Survey in a Sicani Mountains Population. <i>Rejuvenation Research</i> , 2012, 15, 184-188.	0.9	29
51	The Role of Matrix Metalloproteinases (MMP-2 and MMP-9) in Ageing and Longevity: Focus on Sicilian Long-Living Individuals (LLIs). <i>Mediators of Inflammation</i> , 2020, 2020, 1-11.	1.4	29
52	Understanding ageing: Biomedical and bioengineering approaches, the immunologic view. <i>Immunity and Ageing</i> , 2008, 5, 9.	1.8	28
53	Stable polyplexes based on arginine-containing oligopeptides for in vivo gene delivery. <i>Gene Therapy</i> , 2004, 11, 457-464.	2.3	27
54	Association Between the HLA-A2 Allele and Alzheimer Disease. <i>Rejuvenation Research</i> , 2006, 9, 99-101.	0.9	27

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55	Association between +1059C/C CRP Polymorphism and Acute Myocardial Infarction in a Cohort of Patients from Sicily: A Pilot Study. <i>Annals of the New York Academy of Sciences</i> , 2006, 1067, 276-281.	1.8	26
56	Association between the Polymorphism of CCR5 and Alzheimer's Disease: Results of a Study Performed on Male and Female Patients from Northern Italy. <i>Annals of the New York Academy of Sciences</i> , 2006, 1089, 454-461.	1.8	25
57	Pro-Inflammatory Gene Variants in Myocardial Infarction and Longevity: Implications for Pharmacogenomics. <i>Current Pharmaceutical Design</i> , 2008, 14, 2678-2685.	0.9	25
58	Centenarians and diet: what they eat in the Western part of Sicily. <i>Immunity and Ageing</i> , 2012, 9, 10.	1.8	25
59	Alzheimer's disease: new diagnostic and therapeutic tools. <i>Immunity and Ageing</i> , 2008, 5, 7.	1.8	22
60	Impact of diet-induced obesity on the mouse brain phosphoproteome. <i>Journal of Nutritional Biochemistry</i> , 2018, 58, 102-109.	1.9	22
61	Resting energy expenditure in type 2 diabetic patients and the effect of insulin bolus. <i>Diabetes Research and Clinical Practice</i> , 2014, 106, 605-610.	1.1	19
62	Role of Proinflammatory Alleles in Longevity and Atherosclerosis: Results of Studies Performed on -1562C/T MMP-9 in Centenarians and Myocardial Infarction Patients from Sicily. <i>Annals of the New York Academy of Sciences</i> , 2006, 1089, 496-501.	1.8	18
63	Misdiagnosis of familial Mediterranean fever in patients with Andersonâ€™Fabry disease. <i>Clinical Genetics</i> , 2013, 83, 576-581.	1.0	18
64	Targeting Aging with Functional Food: Pasta with <i>Opuntia</i> Single-Arm Pilot Study. <i>Rejuvenation Research</i> , 2018, 21, 249-256.	0.9	18
65	Proeryptotic Activity of 4-Hydroxynonenal: A New Potential Physiopathological Role for Lipid Peroxidation Products. <i>Biomolecules</i> , 2020, 10, 770.	1.8	18
66	Short-term cactus pear [<i>Opuntia ficus-indica</i> (L.) Mill] fruit supplementation ameliorates the inflammatory profile and is associated with improved antioxidant status among healthy humans. <i>Food and Nutrition Research</i> , 2018, 62, .	1.2	18
67	Possible role of ABO system in age-related diseases and longevity: a narrative review. <i>Immunity and Ageing</i> , 2014, 11, 16.	1.8	17
68	Increased eryptosis in smokers is associated with the antioxidant status and C-reactive protein levels. <i>Toxicology</i> , 2019, 411, 43-48.	2.0	17
69	Iodine Biofortification Counters Micronutrient Deficiency and Improve Functional Quality of Open Field Grown Curly Endive. <i>Horticulturae</i> , 2021, 7, 58.	1.2	17
70	Age and Gender-related Variations of Molecular and Phenotypic Parameters in A Cohort of Sicilian Population: from Young to Centenarians. , 2021, 12, 1773.		16
71	Inflammatory activation and endothelial dysfunction markers in patients with permanent atrial fibrillation: a cross-sectional study. <i>Aging</i> , 2020, 12, 8423-8433.	1.4	16
72	Genotypic and Phenotypic Aspects of Longevity: Results from a Sicilian Survey and Implication for the Prevention and Treatment of Age-related Diseases. <i>Current Pharmaceutical Design</i> , 2019, 25, 228-235.	0.9	14

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73	Alzheimer's disease and infections, where we stand and where we go. <i>Immunity and Ageing</i> , 2014, 11, 26.	1.8	13
74	Î²-glucans: ex vivo inflammatory and oxidative stress results after pasta intake. <i>Immunity and Ageing</i> , 2016, 13, 14.	1.8	13
75	<i>Immunity and Aging</i> , 2016, , 127-132.		13
76	Dare to jump: The effect of the new high impact activity SuperJump on bone remodeling. A new tool to maintain fitness during COVID-19 home confinement. <i>Biology of Sport</i> , 0, , .	1.7	13
77	Fibres as functional foods and the effects on gut hormones: The example of Î²-glucans in a single arm pilot study. <i>Journal of Functional Foods</i> , 2018, 47, 264-269.	1.6	12
78	Endothelial Function and Serum Concentration of Toxic Metals in Frequent Consumers of Fish. <i>PLoS ONE</i> , 2014, 9, e112478.	1.1	12
79	Genetics of Inflammation in Age-Related Atherosclerosis: Its Relevance to Pharmacogenomics. <i>Annals of the New York Academy of Sciences</i> , 2007, 1100, 123-131.	1.8	11
80	Weak D and partial D: our experience in daily activity. <i>Blood Transfusion</i> , 2012, 10, 235-6.	0.3	11
81	Blood group does not appear to affect longevity a pilot study in centenarians from Western Sicily. <i>Biogerontology</i> , 2011, 12, 467-471.	2.0	10
82	Is the Secret in the Gut? SuperJump Activity Improves Bone Remodeling and Glucose Homeostasis by GLP-1 and GIP Peptides in Eumenorrhic Women. <i>Biology</i> , 2022, 11, 296.	1.3	10
83	Biofortification: Effect of Iodine Fortified Food in the Healthy Population, Double-Arm Nutritional Study. <i>Frontiers in Nutrition</i> , 2022, 9, 871638.	1.6	10
84	SHIP2: A "NEW" Insulin Pathway Target for Aging Research. <i>Rejuvenation Research</i> , 2014, 17, 221-225.	0.9	9
85	The Phenotypic Characterization of the Cammalleri Sisters, an Example of Exceptional Longevity. <i>Rejuvenation Research</i> , 2020, 23, 476-484.	0.9	9
86	Triggering of Toll-like Receptors in Old Individuals. Relevance for Vaccination. <i>Current Pharmaceutical Design</i> , 2019, 25, 4163-4167.	0.9	8
87	Chance and Causality in Ageing and Longevity., 2019, , 1-21.		7
88	Serum Irisin Concentrations in Severely Inflamed Patients. <i>Hormone and Metabolic Research</i> , 2020, 52, 246-250.	0.7	7
89	Genetic risk factors and candidate biomarkers for Alzheimer's disease. <i>Frontiers in Bioscience - Scholar</i> , 2010, S2, 616-622.	0.8	7
90	Impact on Glucose Homeostasis: Is Food Biofortified with Molybdenum a Workable Solution? A Two-Arm Study. <i>Nutrients</i> , 2022, 14, 1351.	1.7	7

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91	The nACHR4 594C/T Polymorphism in Alzheimer Disease. <i>Rejuvenation Research</i> , 2006, 9, 107-110.	0.9	6
92	Genetic Control of Immune Response in Carriers of Ancestral Haplotype 8.1: The Study of Chemotaxis. <i>Annals of the New York Academy of Sciences</i> , 2006, 1089, 509-515.	1.8	6
93	The role of platelet gel in osteoarticular injuries of young and old patients. <i>Immunity and Ageing</i> , 2014, 11, 21.	1.8	5
94	Obesogenic Diets Cause Alterations on Proteins and Theirs Post-Translational Modifications in Mouse Brains. <i>Nutrition and Metabolic Insights</i> , 2021, 14, 117863882110124.	0.8	5
95	Molecular Biomarkers of Aging. , 0, , .		5
96	Protective and causative killer Ig-like receptor (KIR) and metalloproteinase genetic patterns associated with Herpes simplex virus 1 (HSV-1) encephalitis occurrence. <i>Journal of Neuroimmunology</i> , 2020, 344, 577241.	1.1	3
97	Ammonium Formate-Pd/C as a New Reducing System for 1,2,4-Oxadiazoles. Synthesis of Guanidine Derivatives and Reductive Rearrangement to Quinazolin-4-Ones with Potential Anti-Diabetic Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12301.	1.8	3
98	Dietary Supplements as Surrogate of Mediterranean Diet in Healthy Smoking Subjects. <i>Rejuvenation Research</i> , 2018, 21, 37-43.	0.9	2
99	Pro-inflammatory status is not a limit for longevity: case report of a Sicilian centenarian. <i>Ageing Clinical and Experimental Research</i> , 2021, 33, 1403-1407.	1.4	2
100	The Genetics of Innate Immunity and Inflammation in Ageing, Age-Related Diseases and Longevity. , 2007, , 154-173.		2
101	Role of TLR Polymorphisms in Immunosenescence. , 2009, , 659-671.		2
102	Could Bio-Fortification of Vegetables with Iodine Represent a Tool to Boost the Immune System? A Pilot Study on Human Health. , 2022, 12, .		1
103	Inflammation and Cancer of the Prostate. , 2013, , 115-122.		0
104	Pathobiology of aging: An introduction to age-related diseases. , 2021, , 35-73.		0