

# Carmela R Balistreri

## List of Publications by Year in descending order

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Version: 2024-02-01

149  
papers

4,421  
citations

101543

36  
h-index

128289

60  
g-index

153  
all docs

153  
docs citations

153  
times ranked

5878  
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.  | 4.6  | 430       |
| 2  | The Role of Adipose Tissue and Adipokines in Obesity-Related Inflammatory Diseases. <i>Mediators of Inflammation</i> , 2010, 2010, 1-19.  | 3.0  | 380       |
| 3  | Cellular Senescence and Inflammaging in Age-Related Diseases. <i>Mediators of Inflammation</i> , 2018, 2018, 1-6.   | 3.0  | 120       |
| 4  | TLR4 Polymorphisms and Ageing: Implications for the Pathophysiology of Age-Related Diseases. <i>Journal of Clinical Immunology</i> , 2009, 29, 406-415.                           | 3.8  | 112       |
| 5  | Diabetic microangiopathy: Pathogenetic insights and novel therapeutic approaches. <i>Vascular Pharmacology</i> , 2017, 90, 1-7.   | 2.1  | 111       |
| 6  | Immunogenetics, Gender, and Longevity. <i>Annals of the New York Academy of Sciences</i> , 2006, 1089, 516-537.   | 3.8  | 108       |
| 7  | Inflammation, genes and zinc in Alzheimer's disease. <i>Brain Research Reviews</i> , 2008, 58, 96-105.  | 9.0  | 97        |
| 8  | Granulocyte and natural killer activity in the elderly. <i>Mechanisms of Ageing and Development</i> , 1999, 108, 25-38.   | 4.6  | 93        |
| 9  | Biology of Longevity: Role of the Innate Immune System. <i>Rejuvenation Research</i> , 2006, 9, 143-148.  | 1.8  | 93        |
| 10 | Vascular ageing and endothelial cell senescence: Molecular mechanisms of physiology and diseases. <i>Mechanisms of Ageing and Development</i> , 2016, 159, 14-21.                 | 4.6  | 89        |
| 11 | Role of Toll-like Receptor 4 in Acute Myocardial Infarction and Longevity. <i>JAMA - Journal of the American Medical Association</i> , 2004, 292, 2335.                           | 7.4  | 87        |
| 12 | NF- $\kappa$ B pathway activators as potential ageing biomarkers: targets for new therapeutic strategies. <i>Immunity and Ageing</i> , 2013, 10, 24.                              | 4.2  | 81        |
| 13 | The emerging role of Notch pathway in ageing: Focus on the related mechanisms in age-related diseases. <i>Ageing Research Reviews</i> , 2016, 29, 50-65.                          | 10.9 | 72        |
| 14 | Apoptosis and ageing. <i>Mechanisms of Ageing and Development</i> , 1998, 102, 221-237.   | 4.6  | 69        |
| 15 | Association between the Polymorphisms of TLR4 and CD14 Genes and Alzheimers Disease. <i>Current Pharmaceutical Design</i> , 2008, 14, 2672-2677.                                  | 1.9  | 65        |
| 16 | Are Endothelial Progenitor Cells the Real Solution for Cardiovascular Diseases? Focus on Controversies and Perspectives. <i>BioMed Research International</i> , 2015, 2015, 1-17. | 1.9  | 61        |
| 17 | Cardiovascular Disease in Ageing: An Overview on Thoracic Aortic Aneurysm as an Emerging Inflammatory Disease. <i>Mediators of Inflammation</i> , 2017, 2017, 1-8.                | 3.0  | 61        |
| 18 | Inflammation, Longevity, and Cardiovascular Diseases: Role of Polymorphisms of TLR4. <i>Annals of the New York Academy of Sciences</i> , 2006, 1067, 282-287.                     | 3.8  | 59        |

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|----|--|-----|-----------|
| 19 | Association between the MHC class I gene HFE polymorphisms and longevity: a study in Sicilian population. <i>Genes and Immunity</i> , 2002, 3, 20-24.  | 4.1 | 56        |
| 20 | Immunosenescence and Anti-Immunosenescence Therapies: The Case of Probiotics. <i>Rejuvenation Research</i> , 2008, 11, 425-432.  | 1.8 | 55        |
| 21 | CCR5 Receptor: Biologic and Genetic Implications in Age-Related Diseases. <i>Annals of the New York Academy of Sciences</i> , 2007, 1100, 162-172.   | 3.8 | 53        |
| 22 | Focus on the unique mechanisms involved in thoracic aortic aneurysm formation in bicuspid aortic valve versus tricuspid aortic valve patients: clinical implications of a pilot study. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, e180-e186. | 1.4 | 53        |
| 23 | Impact of Sex Differences and Diabetes on Coronary Atherosclerosis and Ischemic Heart Disease. <i>Journal of Clinical Medicine</i> , 2019, 8, 98.  | 2.4 | 49        |
| 24 | Diabetic macroangiopathy: Pathogenetic insights and novel therapeutic approaches with focus on high glucose-mediated vascular damage. <i>Vascular Pharmacology</i> , 2018, 107, 27-34.   | 2.1 | 47        |
| 25 | Deregulation of Notch1 pathway and circulating endothelial progenitor cell (EPC) number in patients with bicuspid aortic valve with and without ascending aorta aneurysm. <i>Scientific Reports</i> , 2018, 8, 13834.  | 3.3 | 47        |
| 26 | Age-Related Inflammatory Diseases. <i>Annals of the New York Academy of Sciences</i> , 2006, 1089, 472-486.  | 3.8 | 46        |
| 27 | Genetics of longevity. Data from the studies on Sicilian centenarians. <i>Immunity and Ageing</i> , 2012, 9, 8.  | 4.2 | 44        |
| 28 | Association between the HFE mutations and unsuccessful ageing: a study in Alzheimer's disease patients from Northern Italy. <i>Mechanisms of Ageing and Development</i> , 2003, 124, 525-528.  | 4.6 | 43        |
| 29 | Histological and genetic studies in patients with bicuspid aortic valve and ascending aorta complications. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 14, 300-306.   | 1.1 | 42        |
| 30 | Toll-like receptor-4 signaling pathway in aorta aging and diseases: its double nature. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 110, 38-53.   | 1.9 | 42        |
| 31 | Double negative (CD19+IgG+IgD <sup>hi</sup> CD27 <sup>hi</sup> ) B lymphocytes: A new insight from telomerase in healthy elderly, in centenarian offspring and in Alzheimer's disease patients. <i>Immunology Letters</i> , 2014, 162, 303-309.                  | 2.5 | 41        |
| 32 | Polymorphisms of pro-inflammatory genes and Alzheimer's disease risk: A pharmacogenomic approach. <i>Mechanisms of Ageing and Development</i> , 2007, 128, 67-75.  | 4.6 | 40        |
| 33 | Polymorphisms of pro-inflammatory genes and prostate cancer risk: a pharmacogenomic approach. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1919-1933.   | 4.2 | 39        |
| 34 | Can the TLR-4-Mediated Signaling Pathway Be a Key Inflammatory Promoter for Sporadic TAA?. <i>Mediators of Inflammation</i> , 2014, 2014, 1-14.  | 3.0 | 38        |
| 35 | Cellular and molecular basis of the imbalance between vascular damage and repair in ageing and age-related diseases: As biomarkers and targets for new treatments. <i>Mechanisms of Ageing and Development</i> , 2016, 159, 22-30.                               | 4.6 | 38        |
| 36 | A Pilot Study on Prostate Cancer Risk and Pro-Inflammatory Genotypes: Pathophysiology and Therapeutic Implications. <i>Current Pharmaceutical Design</i> , 2010, 16, 718-724.  | 1.9 | 37        |

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|----|--|-----|-----------|
| 37 | Frequency of the HFE Gene Mutations in Five Italian Populations. <i>Blood Cells, Molecules, and Diseases</i> , 2002, 29, 267-273.  | 1.4 | 35        |
| 38 | Gender-Related Immune-Inflammatory Factors, Age-Related Diseases, and Longevity. <i>Rejuvenation Research</i> , 2010, 13, 292-297.   | 1.8 | 35        |
| 39 | Genetic contribution in sporadic thoracic aortic aneurysm? Emerging evidence of genetic variants related to TLR-4-mediated signaling pathway as risk determinants. <i>Vascular Pharmacology</i> , 2015, 74, 1-10.  | 2.1 | 33        |
| 40 | Association between the HFE mutations and longevity: a study in Sardinian population. <i>Mechanisms of Ageing and Development</i> , 2003, 124, 529-532.  | 4.6 | 32        |
| 41 | Major histocompatibility complex and sporadic Alzheimer's disease: a critical reappraisal. <i>Experimental Gerontology</i> , 2004, 39, 645-652.  | 2.8 | 31        |
| 42 | 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.  | 3.8 | 31        |
| 43 | Pharmacogenomics: A Tool to Prevent and Cure Coronary Heart Disease. <i>Current Pharmaceutical Design</i> , 2007, 13, 3726-3734.   | 1.9 | 30        |
| 44 | Role of polymorphisms of CC-chemokine receptor-5 gene in acute myocardial infarction and biological implications for longevity. <i>Haematologica</i> , 2008, 93, 637-638.  | 3.5 | 29        |
| 45 | Pro-Inflammatory Genetic Markers of Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2013, 15, 329.   | 4.8 | 28        |
| 46 | Role of TLR4 Receptor Polymorphisms in Boutonneuse Fever. <i>International Journal of Immunopathology and Pharmacology</i> , 2005, 18, 655-660.  | 2.1 | 27        |
| 47 | Association Between the HLA-A2 Allele and Alzheimer Disease. <i>Rejuvenation Research</i> , 2006, 9, 99-101.   | 1.8 | 27        |
| 48 | CCR5 Proinflammatory Allele in Prostate Cancer Risk. <i>Annals of the New York Academy of Sciences</i> , 2009, 1155, 289-292.  | 3.8 | 27        |
| 49 | LPS-mediated production of pro/anti-inflammatory cytokines and eicosanoids in whole blood samples: Biological effects of +896A/G TLR4 polymorphism in a Sicilian population of healthy subjects. <i>Mechanisms of Ageing and Development</i> , 2011, 132, 86-92. | 4.6 | 27        |
| 50 | Association between +1059G/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.   | 3.8 | 26        |
| 51 | 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.                                     | 3.8 | 25        |
| 52 | Pro-Inflammatory Gene Variants in Myocardial Infarction and Longevity: Implications for Pharmacogenomics. <i>Current Pharmaceutical Design</i> , 2008, 14, 2678-2685.  | 1.9 | 25        |
| 53 | Role of genetic polymorphisms in myocardial infarction at young age. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 46, 291-298.  | 1.7 | 25        |
| 54 | Diagnostic and Prognostic Relevance of Red Blood Cell Distribution Width for Vascular Aging and Cardiovascular Diseases. <i>Rejuvenation Research</i> , 2019, 22, 146-162.   | 1.8 | 25        |

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|----|---|------|-----------|
| 55 | Is the Mean Blood Leukocyte Telomere Length a Predictor for Sporadic Thoracic Aortic Aneurysm? Data from a Preliminary Study. <i>Rejuvenation Research</i> , 2012, 15, 170-173.   | 1.8  | 24        |
| 56 | Polymorphisms of an Innate Immune Gene, Toll-Like Receptor 4, and Aggressive Prostate Cancer Risk: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e110569.   | 2.5  | 24        |
| 57 | An overview of the molecular mechanisms underlying development and progression of bicuspid aortic valve disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 132, 146-153.  | 1.9  | 23        |
| 58 | SARS CoV2 infection _The longevity study perspectives. <i>Ageing Research Reviews</i> , 2021, 67, 101299.   | 10.9 | 23        |
| 59 | To Be or Not to Be a Germ Cell: The Extragenital Germ Cell Tumor Paradigm. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5982.   | 4.1  | 23        |
| 60 | Role of TGF- $\beta$ Pathway Polymorphisms in Sporadic Thoracic Aortic Aneurysm: rs900 TGF- $\beta$ 2 Is a Marker of Differential Gender Susceptibility. <i>Mediators of Inflammation</i> , 2014, 2014, 1-8.  | 3.0  | 21        |
| 61 | Role of TLR4 Polymorphisms in Inflammatory Responses: Implications for Unsuccessful Aging. <i>Annals of the New York Academy of Sciences</i> , 2007, 1119, 203-207.   | 3.8  | 20        |
| 62 | Pro-inflammatory genetic background and zinc status in old atherosclerotic subjects. <i>Ageing Research Reviews</i> , 2008, 7, 306-318.   | 10.9 | 20        |
| 63 | Effects of in vitro treatment with fluticasone propionate on natural killer and lymphokine-induced killer activity in asthmatic and healthy individuals. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2001, 56, 323-327.         | 5.7  | 19        |
| 64 | Anti-ageing gene therapy: Not so far away?. <i>Ageing Research Reviews</i> , 2019, 56, 100977.  | 10.9 | 19        |
| 65 | Centenarian Offspring: A Model for Understanding Longevity. <i>Current Vascular Pharmacology</i> , 2013, 12, 718-725.   | 1.7  | 19        |
| 66 | 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. | 3.8  | 18        |
| 67 | Connexin37 1019 gene polymorphism in myocardial infarction patients and centenarians. <i>Atherosclerosis</i> , 2007, 191, 460-461.  | 0.8  | 18        |
| 68 | TLR2 and Age-Related Diseases: Potential Effects of Arg753Gln and Arg677Trp Polymorphisms in Acute Myocardial Infarction. <i>Rejuvenation Research</i> , 2008, 11, 293-296.   | 1.8  | 18        |
| 69 | Penn classification in acute aortic dissection patients. <i>Acta Cardiologica</i> , 2016, 71, 235-240.  | 0.9  | 18        |
| 70 | Anti-Inflamm-Ageing and/or Anti-Age-Related Disease Emerging Treatments: A Historical Alchemy or Revolutionary Effective Procedures?. <i>Mediators of Inflammation</i> , 2018, 2018, 1-13.  | 3.0  | 18        |
| 71 | Stem cell therapy: old challenges and new solutions. <i>Molecular Biology Reports</i> , 2020, 47, 3117-3131.  | 2.3  | 18        |
| 72 | Developmental programming of adult haematopoiesis system. <i>Ageing Research Reviews</i> , 2019, 54, 100918.  | 10.9 | 17        |

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|----|--|-----|-----------|
| 73 | Red Blood Cell Distribution Width, Vascular Aging Biomarkers, and Endothelial Progenitor Cells for Predicting Vascular Aging and Diagnosing/Prognosing Age-Related Degenerative Arterial Diseases. <i>Rejuvenation Research</i> , 2019, 22, 399-408. | 1.8 | 17        |
| 74 | PECAM-1/CD31 in Infarction and Longevity. <i>Annals of the New York Academy of Sciences</i> , 2007, 1100, 132-139.   | 3.8 | 16        |
| 75 | In Vitro Treatment with Interleukin-2 Normalizes Type-1 Cytokine Production by Lymphocytes from Elderly. <i>Immunopharmacology and Immunotoxicology</i> , 2000, 22, 195-203.   | 2.4 | 15        |
| 76 | Association between HFE mutations and acute myocardial infarction: a study in patients from Northern and Southern Italy. <i>Blood Cells, Molecules, and Diseases</i> , 2003, 31, 57-62.  | 1.4 | 15        |
| 77 | Evidences of +896 A/G TLR4 Polymorphism as an Indicative of Prevalence of Complications in T2DM Patients. <i>Mediators of Inflammation</i> , 2014, 2014, 1-8.  | 3.0 | 15        |
| 78 | Prostate cancer: from the pathophysiologic implications of some genetic risk factors to translation in personalized cancer treatments. <i>Cancer Gene Therapy</i> , 2014, 21, 2-11.  | 4.6 | 15        |
| 79 | A Brief Overview on BDNF-Trk Pathway in the Nervous System: A Potential Biomarker or Possible Target in Treatment of Multiple Sclerosis?. <i>Frontiers in Neurology</i> , 0, 13, .   | 2.4 | 15        |
| 80 | Impact of Different Texture of Polypropylene Mesh on the Inflammatory Response. <i>International Journal of Immunopathology and Pharmacology</i> , 2008, 21, 207-214.  | 2.1 | 14        |
| 81 | Genotyping of Sex Hormone-Related Pathways in Benign and Malignant Human Prostate Tissues: Data of a Preliminary Study. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 369-374.   | 2.0 | 14        |
| 82 | Are the leukocyte telomere length attrition and telomerase activity alteration potential predictor biomarkers for sporadic TAA in aged individuals?. <i>Age</i> , 2014, 36, 9700.  | 3.0 | 14        |
| 83 | Endothelial progenitor cells in ageing. <i>Mechanisms of Ageing and Development</i> , 2016, 159, 1-3.  | 4.6 | 14        |
| 84 | A Typical Immune T/B Subset Profile Characterizes Bicuspid Aortic Valve: In an Old Status?. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.  | 4.0 | 14        |
| 85 | Biomarkers for vascular ageing in aorta tissues and blood samples. <i>Experimental Gerontology</i> , 2019, 128, 110741.  | 2.8 | 14        |
| 86 | On the Road to Accurate Biomarkers for Cardiometabolic Diseases by Integrating Precision and Gender Medicine Approaches. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6015.  | 4.1 | 14        |
| 87 | Interleukin-5 production by mononuclear cells from aged individuals: implication for autoimmunity. <i>Mechanisms of Ageing and Development</i> , 1999, 106, 297-304.   | 4.6 | 13        |
| 88 | Endothelial progenitor cells: Are they displaying a function in autoimmune disorders?. <i>Mechanisms of Ageing and Development</i> , 2016, 159, 44-48.   | 4.6 | 13        |
| 89 | Type 5 phosphodiesterase (PDE5) and the vascular tree: From embryogenesis to aging and disease. <i>Mechanisms of Ageing and Development</i> , 2020, 190, 111311.   | 4.6 | 13        |
| 90 | Genetic and Epigenetic Factors of Takotsubo Syndrome: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9875.  | 4.1 | 13        |

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|-----|--|-----|-----------|
| 91  | Sodium-glucose cotransporter type 2 inhibitors prevent ponatinib-induced endothelial senescence and dysfunction: A potential rescue strategy. <i>Vascular Pharmacology</i> , 2022, 142, 106949.  | 2.1 | 13        |
| 92  | Analysis of hemochromatosis gene mutations in the sicilian population: implications for survival and longevity. <i>Archives of Gerontology and Geriatrics</i> , 2002, 35, 35-42.   | 3.0 | 12        |
| 93  | Pathological Implications of Th1/Th2 Cytokine Genetic Variants in Behçet's Disease: Data from a Pilot Study in a Sicilian Population. <i>Biochemical Genetics</i> , 2013, 51, 967-975.   | 1.7 | 12        |
| 94  | Regulation of PDE5 expression in human aorta and thoracic aortic aneurysms. <i>Scientific Reports</i> , 2019, 9, 12206.  | 3.3 | 12        |
| 95  | 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.   | 3.8 | 11        |
| 96  | Associations of rs3918242 and rs2285053 MMP-9 and MMP-2 polymorphisms with the risk, severity, and short- and long-term complications of degenerative mitral valve diseases: a 4.8-year prospective cohort study. <i>Cardiovascular Pathology</i> , 2016, 25, 362-370. | 1.6 | 10        |
| 97  | Direct RNA Nanopore Sequencing of SARS-CoV-2 Extracted from Critical Material from Swabs. <i>Life</i> , 2022, 12, 69.  | 2.4 | 10        |
| 98  | Systemic inflammatory response in elderly patients following hernioplastical operation. <i>Immunity and Ageing</i> , 2006, 3, 3.   | 4.2 | 9         |
| 99  | A particular phenotype of ascending aorta aneurysms as precursor of type A aortic dissection. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 15, 840-846.  | 1.1 | 9         |
| 100 | SHIP2: A Novel Insulin Pathway Target for Aging Research. <i>Rejuvenation Research</i> , 2014, 17, 221-225.  | 1.8 | 9         |
| 101 | Stem Cells and Other Emerging Agents as Innovative "Drugs" in Neurodegenerative Diseases: Benefits and Limitations. <i>Rejuvenation Research</i> , 2018, 21, 123-140.  | 1.8 | 9         |
| 102 | Polyamines and microbiota in bicuspid and tricuspid aortic valve aortopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 129, 179-187.   | 1.9 | 9         |
| 103 | Susceptibility to Heart Defects in Down Syndrome Is Associated with Single Nucleotide Polymorphisms in HAS 21 Interferon Receptor Cluster and VEGFA Genes. <i>Genes</i> , 2020, 11, 1428.  | 2.4 | 9         |
| 104 | Polymorphisms of Pro-Inflammatory IL-6 and IL-1 $\beta$ Cytokines in Ascending Aortic Aneurysms as Genetic Modifiers and Predictive and Prognostic Biomarkers. <i>Biomolecules</i> , 2021, 11, 943.  | 4.0 | 9         |
| 105 | Matrix Metalloproteinases (MMPs), Their Genetic Variants and miRNA in Mitral Valve Diseases: Potential Biomarker Tools and Targets for Personalized Treatments. <i>Journal of Heart Valve Disease</i> , 2016, 25, 463-474.   | 0.5 | 9         |
| 106 | Prescribing behavior for the elderly in the United Arab Emirates: psychotropic medication use remains low despite rising overall appropriate and inappropriate medication use. <i>Archives of Gerontology and Geriatrics</i> , 2002, 35, 35-44.                        | 3.0 | 8         |
| 107 | The Role of Inflammation in Type a Aortic Dissection: A Pilot Study. <i>European Journal of Inflammation</i> , 2013, 11, 269-277.  | 0.5 | 8         |
| 108 | Deregulation of TLR4 signaling pathway characterizes Bicuspid Aortic valve syndrome. <i>Scientific Reports</i> , 2019, 9, 11028.   | 3.3 | 8         |



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|-----|---|-----|-----------|
| 109 | Identification of Three Particular Morphological Phenotypes in Sporadic Thoracic Aortic Aneurysm: Phenotype III As Sporadic Thoracic Aortic Aneurysm Biomarker in Aged Individuals. <i>Rejuvenation Research</i> , 2014, 17, 192-196.                 | 1.8 | 7         |
| 110 | Light on the molecular and cellular mechanisms of bicuspid aortic valve to unveil phenotypic heterogeneity. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 133, 113-114.   | 1.9 | 7         |
| 111 | Role of Cachexia and Fragility in the Patient Candidate for Cardiac Surgery. <i>Nutrients</i> , 2021, 13, 517.  | 4.1 | 7         |
| 112 | The close link between the fetal programming imprinting and neurodegeneration in adulthood: The key role of "hemogenic endothelium" programming. <i>Mechanisms of Ageing and Development</i> , 2021, 195, 111461.                                     | 4.6 | 7         |
| 113 | Oxidative Stress in the Pathogenesis of Aorta Diseases as a Source of Potential Biomarkers and Therapeutic Targets, with a Particular Focus on Ascending Aorta Aneurysms. <i>Antioxidants</i> , 2022, 11, 182.  | 5.1 | 7         |
| 114 | Promising Strategies for Preserving Adult Endothelium Health and Reversing Its Dysfunction: From Liquid Biopsy to New Omics Technologies and Noninvasive Circulating Biomarkers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7548. | 4.1 | 7         |
| 115 | The nACHR4 594C/T Polymorphism in Alzheimer Disease. <i>Rejuvenation Research</i> , 2006, 9, 107-110.   | 1.8 | 6         |
| 116 | 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.  | 3.8 | 6         |
| 117 | Changes of Inflammatory Mediators in Obese Patients After Laparoscopic Cholecystectomy. <i>World Journal of Surgery</i> , 2010, 34, 2045-2050.  | 1.6 | 5         |
| 118 | Biomechanical properties and histomorphometric features of aortic tissue in patients with or without bicuspid aortic valve. <i>Journal of Thoracic Disease</i> , 2020, 12, 2304-2316.   | 1.4 | 5         |
| 119 | The close link between brain vascular pathological conditions and neurodegenerative diseases: Focus on some examples and potential treatments. <i>Vascular Pharmacology</i> , 2022, 142, 106951.  | 2.1 | 5         |
| 120 | Constitutive PSGL-1 Correlates with CD30 and TCR Pathways and Represents a Potential Target for Immunotherapy in Anaplastic Large T-Cell Lymphoma. <i>Cancers</i> , 2021, 13, 2958.   | 3.7 | 4         |
| 121 | Vascular ageing and the related complications in the brain: New insights on related mechanisms and their translational applications. <i>Mechanisms of Ageing and Development</i> , 2021, 196, 111469.   | 4.6 | 4         |
| 122 | Acute Type A Aortic Dissection: Beyond the Diameter. <i>Journal of Heart Valve Disease</i> , 2016, 25, 764-768.   | 0.5 | 4         |
| 123 | Endothelial Progenitor Cells. <i>UNIPA Springer Series</i> , 2017, , .  | 0.1 | 3         |
| 124 | MIF rs755622 and IL6 rs1800795 Are Implied in Genetic Susceptibility to End-Stage Renal Disease (ESRD). <i>Genes</i> , 2022, 13, 226.   | 2.4 | 3         |
| 125 | Aging and Antiaging Strategies. , 2017, , 1817-1827.  |     | 2         |
| 126 | Early structural degeneration of Mitroflow aortic valve: another issue in addition to the mismatch?. <i>Journal of Thoracic Disease</i> , 2018, 10, E270-E274.  | 1.4 | 2         |



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|-----|--|-----|-----------|
| 127 | Genotyping strategy of SMAD-3 rs3825977 gene variant for a differential management of ascending aorta aneurysm in women people: Gender oriented diagnostic tools. <i>Meta Gene</i> , 2020, 25, 100706.   | 0.6 | 2         |
| 128 | Is it the time of seno-therapeutics application in cardiovascular pathological conditions related to ageing?. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021, 2, 100027.  | 3.6 | 2         |
| 129 | The Genetics of Innate Immunity and Inflammation in Ageing, Age-Related Diseases and Longevity. , 2007, , 154-173.   |     | 2         |
| 130 | Role of TLR Polymorphisms in Immunosenescence. , 2009, , 659-671.  |     | 2         |
| 131 | Fetal programming and its effects on vascular pulmonary circulation. <i>Vessel Plus</i> , 2018, 2, 25.   | 0.4 | 2         |
| 132 | ACUTE PHASE RESPONSE IN OLDEST-OLD INDIVIDUALS AFTER SURGICAL STRESS. <i>Journal of the American Geriatrics Society</i> , 2006, 54, 561-563.   | 2.6 | 1         |
| 133 | The Role of Macrophage Colony-Stimulating Factor in Patients With Acute Myocardial Infarction. <i>Angiology</i> , 2012, 63, 127-130.   | 1.8 | 1         |
| 134 | Epigenetics, oxidative states and diabetes. , 2020, , 87-96.   |     | 1         |
| 135 | To the research of treatments for the typical calcific disease of old aortic valve in the omics era: Is the miR-195 a therapeutic signature via targetable p38-MAPK/VWF axis in bicuspid aortic valve?. <i>International Journal of Cardiology</i> , 2020, 309, 108-109. | 1.7 | 1         |
| 136 | Probiotics and Prebiotics. , 2013, , 257-269.  |     | 1         |
| 137 | Fetal programming as the cause of all the evils in adult humans: atherosclerosis and coronary heart disease included. <i>Cardiovascular Medicine(Switzerland)</i> , 0, , .   | 0.0 | 1         |
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