Sergio Paulo Bydlowski

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Ferroptosis Mechanisms Involved in Neurodegenerative Diseases. International Journal of Molecular Sciences, 2020, 21, 8765.	4.1	204
3	DNA tests probe the genomic ancestry of Brazilians. Brazilian Journal of Medical and Biological Research, 2009, 42, 870-876.	1.5	156
4	Synthesis and Characterization of a Metal Complex Containing Naringin and Cu, and its Antioxidant, Antimicrobial, Antiinflammatory and Tumor Cell Cytotoxicity. Molecules, 2007, 12, 1352-1366.	3.8	151
5	Color and Genomic Ancestry in Brazilians: A Study with Forensic Microsatellites. Human Heredity, 2006, 62, 190-195.	0.8	144
6	Impact of antiretroviral therapy on lipid metabolism of human immunodeficiency virus-infected patients: Old and new drugs. World Journal of Virology, 2015, 4, 56.	2.9	97
7	Metabolism of a cholesterol-rich microemulsion (LDE) in patients with multiple myeloma and a preliminary clinical study of LDE as a drug vehicle for the treatment of the disease. Cancer Chemotherapy and Pharmacology, 2004, 53, 51-60.	2.3	66
8	The Phylogeography of African Brazilians. Human Heredity, 2008, 65, 23-32.	0.8	62
9	Hepcidin: Homeostasis and Diseases Related to Iron Metabolism. Acta Haematologica, 2017, 137, 220-236.	1.4	60
10	Mastoparan induces apoptosis in B16F10-Nex2 melanoma cells via the intrinsic mitochondrial pathway and displays antitumor activity in vivo. Peptides, 2015, 68, 113-119.	2.4	55
11	Ethnicity and glutathione S-transferase (GSTM1/GSTT1) polymorphisms in a Brazilian population. Brazilian Journal of Medical and Biological Research, 2004, 37, 451-458.	1.5	51
12	CaracterÃsticas biológicas das células-tronco mesenquimais. Revista Brasileira De Hematologia E Hemoterapia, 2009, 31, 25-35.	0.7	50
13	Endothelial cell dysfunction correlates differentially with survival in primary and secondary pulmonary hypertension. American Heart Journal, 2000, 139, 618-623.	2.7	43
14	Abnormalities in circulating von Willebrand factor and survival in pulmonary hypertension. American Journal of Medicine, 1998, 105, 21-26.	1.5	41
15	Evaluation of Distinct Freezing Methods and Cryoprotectants for Human Amniotic Fluid Stem Cells Cryopreservation. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-10.	3.0	40
16	Paraoxonases Activities and Polymorphisms in Elderly and Old-Age Diseases: An Overview. Antioxidants, 2019, 8, 118.	5.1	39
17	Association of Genetic Variants with Self-Assessed Color Categories in Brazilians. PLoS ONE, 2014, 9, e83926.	2.5	38
18	Thalidomide treatment down-regulates SDF-11± and CXCR4 expression in multiple myeloma patients. Leukemia Research, 2009, 33, 970-973.	0.8	37

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19	Anti-Angiogenic and Anti-Metastatic Activity of Synthetic Phosphoethanolamine. PLoS ONE, 2013, 8, e57937.	2.5	37
20	Abnormal Multimeric and Oligomeric Composition Is Associated With Enhanced Endothelial Expression of von Willebrand Factor in Pulmonary Hypertension. Chest, 1993, 104, 1455-1460.	0.8	34
21	Detection of Plasmodium falciparum and Plasmodium vivax subclinical infection in non-endemic region: implications for blood transfusion and malaria epidemiology. Malaria Journal, 2014, 13, 224.	2.3	34
22	Polymorphisms in the methylenetetrahydrofolate reductase and methionine synthase reductase genes and homocysteine levels in Brazilian children. American Journal of Medical Genetics, Part A, 2004, 128A, 256-260.	1.2	33
23	Plasmodium falciparum in the southeastern Atlantic forest: a challenge to the bromeliad-malaria paradigm?. Malaria Journal, 2015, 14, 181.	2.3	32
24	Impact of Oxysterols on Cell Death, Proliferation, and Differentiation Induction: Current Status. Cells, 2021, 10, 2301.	4.1	32
25	Downregulation of TNF-α and VEGF expression by Sp1 decoy oligodeoxynucleotides in mouse melanoma tumor. Gene Therapy, 2003, 10, 1992-1997.	4.5	31
26	Polymorphism C776G in the transcobalamin II gene and homocysteine, folate and vitamin B12 concentrations. Association with MTHFR C677T and A1298C and MTRR A66G polymorphisms in healthy children. Thrombosis Research, 2007, 119, 571-577.	1.7	31
27	Platelet protease-activated receptor 1 and membrane expression of P-selectin in pulmonary arterial hypertension. Thrombosis Research, 2010, 125, 38-43.	1.7	30
28	Interrelationship between ATP-binding cassette transporters and oxysterols. Biochemical Pharmacology, 2013, 86, 80-88.	4.4	28
29	Paraoxonase Role in Human Neurodegenerative Diseases. Antioxidants, 2021, 10, 11.	5.1	26
30	Differential Effects of Enzymatic Treatments on the Storage and Secretion of von Willebrand Factor by Human Endothelial Cells. Thrombosis Research, 2001, 101, 291-297.	1.7	24
31	Uptake by breast carcinoma of a lipidic nanoemulsion after intralesional injection into the patients: A new strategy for neoadjuvant chemotherapy. Gynecologic Oncology, 2009, 112, 400-404.	1.4	24
32	Plasma von Willebrand factor as a predictor of survival in pulmonary arterial hypertension associated with congenital heart disease. Brazilian Journal of Medical and Biological Research, 2011, 44, 1269-1275.	1.5	23
33	Short-term effects of 7-ketocholesterol on human adipose tissue mesenchymal stem cells in vitro. Biochemical and Biophysical Research Communications, 2014, 446, 720-725.	2.1	23
34	Oxysterols selectively promote short-term apoptosis in tumor cell lines. Biochemical and Biophysical Research Communications, 2018, 505, 1043-1049.	2.1	23
35	Factor VIII gene inversions and polymorphisms in Brazilian patients with haemophilia A: carrier detection and prenatal diagnosis. Haemophilia, 2001, 7, 299-305.	2.1	22
36	Lipid peroxidation in the peritoneal fluid of infertile women with peritoneal endometriosis. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2005, 119, 72-75.	1.1	22

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37	Lipid Transfer to HDL is Higher in Marathon Runners than in Sedentary Subjects, but is Acutely Inhibited During the Run. Lipids, 2012, 47, 679-686.	1.7	22
38	7-Ketocholesterol overcomes drug resistance in chronic myeloid leukemia cell lines beyond MDR1 mechanism. Journal of Proteomics, 2017, 151, 12-23.	2.4	22
39	Outside-in, inside-out: Proteomic analysis of endothelial stress mediated by 7-ketocholesterol. Chemistry and Physics of Lipids, 2017, 207, 231-238.	3.2	20
40	Snake Venom Extracellular vesicles (SVEVs) reveal wide molecular and functional proteome diversity. Scientific Reports, 2018, 8, 12067.	3.3	20
41	7-Ketocholesterol Promotes Oxiapoptophagy in Bone Marrow Mesenchymal Stem Cell from Patients with Acute Myeloid Leukemia. Cells, 2019, 8, 482.	4.1	20
42	Simvastatin impairs murine melanoma growth. Lipids in Health and Disease, 2010, 9, 142.	3.0	19
43	Age-Dependent Likelihood of In Situ Thrombosis in Secondary Pulmonary Hypertension. Clinical and Applied Thrombosis/Hemostasis, 2004, 10, 217-223.	1.7	18
44	Metabolism of triglyceride-rich lipoproteins and lipid transfer to high-density lipoprotein in young obese and normal-weight patients with polycystic ovary syndrome. Fertility and Sterility, 2010, 93, 1948-1956.	1.0	17
45	Cell internalization of 7-ketocholesterol-containing nanoemulsion through LDL receptor reduces melanoma growth <i>in vitro</i> and <i>in vivo</i> : a preliminary report. Oncotarget, 2018, 9, 14160-14174.	1.8	17
46	Genetic data on 12 STRs (F13A01, F13B, FESFPS, LPL, CSF1PO, TPOX, TH01, vWA, D16S539, D7S820, D13S317	',) Ţi ĘTQqı 2.2	0 0 0 rgBT /O
47	Traditional and Advanced Cell Cultures in Hematopoietic Stem Cell Studies. Cells, 2019, 8, 1628.	4.1	16
48	Beneficial effects of IL-4 and IL-6 on rat neonatal target cardiac cells. Scientific Reports, 2020, 10, 12350.	3.3	16
49	Hyperhomocystinemia in patients with coronary artery disease. Brazilian Journal of Medical and Biological Research, 2006, 39, 455-463.	1.5	15
50	Polymorphisms in the <i>CBS</i> gene and homocysteine, folate and vitamin B ₁₂ levels: Association with polymorphisms in the <i>MTHFR</i> and <i>MTRR</i> genes in Brazilian children. American Journal of Medical Genetics, Part A, 2008, 146A, 2598-2602.	1.2	15
51	Effects of Oxysterols on Immune Cells and Related Diseases. Cells, 2022, 11, 1251.	4.1	15
52	Metabolism of an artificial emulsion resembling chylomicrons in patients with multiple myeloma. Leukemia Research, 1999, 23, 637-641.	0.8	14
53	Simvastatin induces osteogenic differentiation in human amniotic fluid mesenchymal stem cells (<scp>AFMSC</scp>). Fundamental and Clinical Pharmacology, 2014, 28, 211-216.	1.9	14
54	ABCB1, ABCC1, and LRP gene expressions are altered by LDL, HDL, and serum deprivation in a human doxorubicin-resistant uterine sarcoma cell line. Biochemical and Biophysical Research Communications, 2015, 457, 664-668.	2.1	14

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55	Oxysterols in adipose tissue-derived mesenchymal stem cell proliferation and death. Journal of Steroid Biochemistry and Molecular Biology, 2017, 169, 164-175.	2.5	14
56	Oxysterols and mesenchymal stem cell biology. Chemistry and Physics of Lipids, 2017, 207, 223-230.	3.2	14
57	Establishing a stem cell culture laboratory for clinical trials. Revista Brasileira De Hematologia E Hemoterapia, 2012, 34, 236-241.	0.7	14
58	NFY Transcription Factor Binds to Regulatory Element AIC and Transactivates the Human Apolipoprotein A-I Promoter in HEPG2 Cells. Biochemical and Biophysical Research Communications, 1997, 231, 140-143.	2.1	13
59	Uptake of silver, gold, and hybrids silver-iron, gold-iron and silver-gold aminolevulinic acid nanoparticles by MCF-7 breast cancer cells. Photodiagnosis and Photodynamic Therapy, 2020, 32, 102080.	2.6	13
60	Antioxidant Properties and Cytoprotective Effect of Pistacia lentiscus L. Seed Oil against 7β-Hydroxycholesterol-Induced Toxicity in C2C12 Myoblasts: Reduction in Oxidative Stress, Mitochondrial and Peroxisomal Dysfunctions and Attenuation of Cell Death. Antioxidants, 2021, 10, 1772.	5.1	13
61	Protective Effects of Human Amniotic Fluid Stem Cells in a Model of Aorta Allograft Vasculopathy in Rats. Transplantation Proceedings, 2012, 44, 2490-2494.	0.6	12
62	Serum levels of IgG antibodies against oxidized LDL and atherogenic indices in HIV-1-infected patients treated with protease inhibitors. Clinical Chemistry and Laboratory Medicine, 2013, 51, 371-378.	2.3	12
63	Integrated molecular, biochemical, and physiological assessment unravels key extraction method mediated influences on rat neonatal cardiomyocytes. Journal of Cellular Physiology, 2018, 233, 5420-5430.	4.1	12
64	Impairment of Multiple Mitochondrial Energy Metabolism Pathways in the Heart of Chagas Disease Cardiomyopathy Patients. Frontiers in Immunology, 2021, 12, 755782.	4.8	12
65	Mast cell: Its mediators and effects on arterial wall metabolism. General Pharmacology, 1986, 17, 625-631.	0.7	11
66	Markers of endothelial dysfunction and severity of hypoxaemia in the Eisenmenger syndrome. Cardiology in the Young, 2005, 15, 504-513.	0.8	11
67	The potential use of stem cells derived from human amniotic fluid in renal diseases. Kidney International Supplements, 2011, 1, 77-82.	14.2	11
68	7-Ketocholesterol and cholestane-triol increase expression of SMO and LXRα signaling pathways in a human breast cancer cell line. Biochemistry and Biophysics Reports, 2019, 19, 100604.	1.3	11
69	Protocol for qRT-PCR analysis from formalin fixed paraffin embedded tissue sections from diffuse large b-cell lymphoma: Validation of the six-gene predictor score. Oncotarget, 2016, 7, 83319-83329.	1.8	11
70	Stimulation of Human Smooth Muscle Cell Proliferation by Thrombin Involves Increased Synthesis of Platelet-Derived Growth Factor. Chest, 1998, 114, 236-240.	0.8	10
71	Human Paraoxonase-1 Activity Is Related to the Number of CD4+ T-Cells and Is Restored by Antiretroviral Therapy in HIV-1-Infected Individuals. Disease Markers, 2014, 2014, 1-7.	1.3	10
72	Finding connections in the unexpected detection of Plasmodium vivax and Plasmodium falciparum DNA in asymptomatic blood donors: a fact in the Atlantic Forest. Malaria Journal, 2014, 13, 337.	2.3	10

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73	Paraoxonases (PON) 1, 2, and 3 Polymorphisms and PON-1 Activities in Patients with Sickle Cell Disease. Antioxidants, 2019, 8, 252.	5.1	10
74	LIMD2 Regulates Key Steps of Metastasis Cascade in Papillary Thyroid Cancer Cells via MAPK Crosstalk. Cells, 2020, 9, 2522.	4.1	10
75	Plasma kinetics of an artificial emulsion resembling chylomicrons in patients with chronic lymphocytic leukemia. Annals of Hematology, 2000, 79, 687-690.	1.8	9
76	Metabolism of chylomicron-like emulsions in carriers of the S447X lipoprotein lipase polymorphism. Clinica Chimica Acta, 2003, 335, 157-163.	1.1	9
77	Impact of high cholesterol intake on tissue cholesterol content and lipid transfers to high-density lipoprotein. Nutrition, 2011, 27, 713-718.	2.4	9
78	Increased Tyrosine Phosphorylation of Platelet Proteins Including pp125FAK Suggests Endogenous Activation and Aggregation in Pulmonary Hypertension. Clinical and Applied Thrombosis/Hemostasis, 2005, 11, 411-415.	1.7	8
79	Azidothymidine is Effective Against Human Multiple Myeloma: A New Use for an Old Drug?. Anti-Cancer Agents in Medicinal Chemistry, 2013, 13, 186-192.	1.7	8
80	Oxysterols and mesenchymal stem cell biology. Vitamins and Hormones, 2021, 116, 409-436.	1.7	8
81	New genetic prognostic biomarkers in primary central nervous system lymphoma (PCNSL). Brain and Behavior, 2021, 11, e02061.	2.2	8
82	Synthetic nanoemulsion resembling a protein-free model of 7-ketocholesterol containing low density lipoprotein: In vitro and in vivo studies. Biological Research, 2010, 43, 439-444.	3.4	7
83	Decreased plasma ADAMTS-13 activity as a predictor of postoperative bleeding in cyanotic congenital heart disease. Clinics, 2013, 68, 531-536.	1.5	7
84	Synergistic anti-tumor effects of the combination of a benzofuroxan derivate and sorafenib on NCI-H460 human large cell lung carcinoma cells. Biomedicine and Pharmacotherapy, 2014, 68, 1015-1022.	5.6	7
85	Phosphodiesterase type 5 inhibitors improve microvascular dysfunction markers in pulmonary arterial hypertension associated with congenital heart disease. Congenital Heart Disease, 2019, 14, 246-255.	0.2	7
86	The H/R FcÎ ³ RIIA-131 polymorphism and survival in patients with diffuse large B-cell lymphoma (DLBCL) treated with R-CHOP: a study in a genetically mixed population. Clinics, 2011, 66, 919-922.	1.5	7
87	Association of hepatic nuclear factor-4 in the apolipoprotein B promoter: a preliminary report. Brazilian Journal of Medical and Biological Research, 1998, 31, 1405-1408.	1.5	6
88	Plasmatic ADAMTS-13 metalloprotease and von Willebrand factor in children with cyanotic congenital heart disease. Brazilian Journal of Medical and Biological Research, 2013, 46, 375-381.	1.5	6
89	Factors influencing outcomes in patients with Eisenmenger syndrome: a nineâ€year followâ€up study. Pulmonary Circulation, 2017, 7, 635-642.	1.7	6
90	Relation of Macrophage Migration Inhibitory Factor to Pulmonary Hemodynamics and Vascular Structure and Carbamyl-Phosphate Synthetase I Genetic Variations in Pediatric Patients with Congenital Cardiac Shunts. Mediators of Inflammation, 2019, 2019, 1-10.	3.0	6

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91	IN VITRO EFFECTS OF rt-PA ON PLATELET FUNCTION AND CLOT STRENGTH Thrombosis Research, 1997, 85, 519-522.	1.7	5
92	ABO blood group in primary antiphospholipid syndrome: influence in the site of thrombosis?. Journal of Thrombosis and Thrombolysis, 2015, 40, 374-378.	2.1	5
93	Evaluation of the Dot-ELISA as a diagnostic test for human strongyloidiasis based on the detection of IgA in saliva. Acta Tropica, 2020, 203, 105305.	2.0	5
94	Cell Cycle Changes, DNA Ploidy, and PTTG1 Gene Expression in HTLV-1 Patients. Frontiers in Microbiology, 2020, 11, 1778.	3.5	5
95	Biochemical Observations on Rat Aortas: Effect of Protein Refeeding after a Protein Depletion Period. Annals of Nutrition and Metabolism, 1984, 28, 85-91.	1.9	4
96	Biochemical observations on rat aorta: interaction of dietary protein and cholesterol. British Journal of Nutrition, 1986, 55, 295-304.	2.3	4
97	Platelet aggregation and lipoprotein levels in a patient with familial hypercholescholesterolemia after selective LDL-apheresis. Sao Paulo Medical Journal, 1997, 115, 1448-1451.	0.9	4
98	Synthetic Oligonucleotide Does Not Bind to Lipid Emulsion Resembling Low-Density Lipoprotein. Annals of the New York Academy of Sciences, 1995, 772, 252-254.	3.8	3
99	Rapid and non-isotopic detection of intron 18 polymorphism of the factor VIII gene. Clinica Chimica Acta, 1999, 287, 157-161.	1.1	3
100	Detection of methylenetetrahydrofolate reductase (MTHFR) C677T and prothrombin G20210A mutations: second restriction site for digestion control of PCR products. Clinica Chimica Acta, 2000, 301, 219-223.	1.1	3
101	Synthetic nanoemulsion resembling a protein-free model of 7-ketocholesterol containing low density lipoprotein: In vitro and in vivo studies. Biological Research, 2010, 43, 439-44.	3.4	3
102	Effect of mast cell stimulators or inhibitors on plasma lipids and aortic content of lipids, hexosamine and hydroxyproline in rats. General Pharmacology, 1986, 17, 83-88.	0.7	2
103	Sialic acid content of von Willebrand factor subunit. Clinica Chimica Acta, 1998, 273, 209-211.	1.1	2
104	Células-tronco do lÃquido amniótico. Revista Brasileira De Hematologia E Hemoterapia, 2009, 31, 45-52.	0.7	2
105	Differential expression of HOXB7 gene in multiple myeloma and extramedullary multiple myeloma patients. European Journal of Haematology, 2010, 84, 185-186.	2.2	2
106	Commentary on: Barros de Castro IA, Rinzler CM, Rumjanek FD. Allele Frequency Distributions for Twelve STR Loci in a Brazilian Population. J Forensic Sci 2000;45(4):941 Journal of Forensic Sciences, 2001, 46, 1260-1260.	1.6	2
107	Human breast milk contains a factor which markedly stimulates aortic prostacyclin synthesis. Lipids and Lipid Metabolism, 1986, 878, 1-6.	2.6	1
108	Effects of mast cell inhibition on plasma and aortic content of lipids, hexosamine, and hydroxyproline in rats. Role of thyroid gland. General Pharmacology, 1986, 17, 247-250.	0.7	1

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109	Proteins C and S in Two Different Vaso-Occlusive Disorders. Acta Haematologica, 1993, 89, 54-55.	1.4	1
110	Cytoskeletal Organization and Incorporation of β3 Integrin in Thrombin-stimulated Platelets: Effect of Acetylsalicylic Acid. Clinical and Applied Thrombosis/Hemostasis, 1999, 5, 16-20.	1.7	1
111	Gametic phase disequilibrium between the syntenic multiallelic HTG4 and HMS3 markers widely used for parentage testing in Thoroughbred horses. Molecular Biology Reports, 2012, 39, 1447-1452.	2.3	1
112	Influence of Hepcidin in the Development of Anemia. , 2018, , .		1
113	Study of activity transcription factors C/EBPalpha in region - 53 to - 33 of promoter apolipoprotein B gene. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2006, 42, 405-411.	0.5	1
114	The Effects of Treatment on Serum Hepcidin and Iron Homeostasis in HIV-1-Infected In-dividuals. World Journal of AIDS, 2015, 05, 151-160.	0.3	1
115	AUTOLOGOUS CHONDROCYTE IMPLANTATION IN BRAZIL. Acta Ortopedica Brasileira, 2020, 28, 131-136.	0.5	1
116	Intranasal fractionated administration of desamino-D-arginine vasopressin (DDAVP) in patients with Von Willebrand's disease. Annals of Hematology, 1991, 62, 81-82.	1.8	0
117	Uncommon allele in APO AI-CIII-AIV gene cluster in a family with congenital generalized lipodystrophy. Sao Paulo Medical Journal, 1997, 115, 1593-1595.	0.9	0
118	Orally Administered Acetylsalicylic Acid Decreases Protein Incorporation into the Cytoskeleton of Thrombin-Stimulated Platelets. Thrombosis Research, 1999, 95, 335-339.	1.7	0
119	von Willebrand factor and factor VIII in a healthy Brazilian population. Association with ABO blood groups. Thrombosis Research, 2020, 188, 49-51.	1.7	0
120	Distribution of HLA-DQA1, LDLR, GYPA, HBGG, D7S8 and Gc Alleles in a Black Population Sample from São Paulo, Brazil. Journal of Forensic Sciences, 2004, 49, 1-2.	1.6	0
121	Unexpected Monoclonal T Cell Line Derived From the Bone Marrow of a Multiple Myeloma Patient Blood, 2009, 114, 4905-4905.	1.4	0
122	Association of Genetic Polymorphisms of Glutatione-S-Transferase Genes and Overall Response/Clinical Features in Diffuse Large B-Cell Lymphoma Patients Treated with Rituximab Blood, 2009, 114, 1939-1939.	1.4	0
123	FCgammaRIIa Polymorphism Is Not Associated with Overall Response, Progression Free Survival and Overall Survival In Diffuse Large B-Cell Lymphoma Treated with Rituximab. Blood, 2010, 116, 5078-5078.	1.4	0
124	Comment on: Phase I clinical trial of cell therapy in patients with advanced chronic obstructive pulmonary disease: follow-up of up to 3 years. Revista Brasileira De Hematologia E Hemoterapia, 2013, 35, 313.	0.7	0
125	Purification and Characterization of Mouse Olfactory Ensheathing Cells and Their Potential Use for Therapy in Amyotrophic Lateral Sclerosis (ALS). Neuromethods, 2015, , 195-208.	0.3	0
126	Abstract 10210: Effects of Chronic Treatment With the Phosphodiesterase-5 Inhibitors Sildenafil and Tadalafil on Platelet Aggregation in Patients With Eisenmenger Syndrome. Circulation, 2015, 132, .	1.6	0