

Ivan Netuka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/627166/publications.pdf>

Version: 2024-02-01

93
papers

1,447
citations

394421

19
h-index

345221

36
g-index

94
all docs

94
docs citations

94
times ranked

1708
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully Magnetically Levitated Left Ventricular Assist System for Treating Advanced HF. Journal of the American College of Cardiology, 2015, 66, 2579-2589.	2.8	208
2	Evaluation of von Willebrand factor with a fully magnetically levitated centrifugal continuous-flow left ventricular assist device in advanced heart failure. Journal of Heart and Lung Transplantation, 2016, 35, 860-867.	0.6	121
3	Gender Differences in Cardiac Ischemic Injury and Protection—Experimental Aspects. Experimental Biology and Medicine, 2009, 234, 1011-1019.	2.4	118
4	Heartmate 3 fully magnetically levitated left ventricular assist device for the treatment of advanced heart failure—1 year results from the Ce mark trial. Journal of Cardiothoracic Surgery, 2017, 12, 23.	1.1	92
5	The European Registry for Patients with Mechanical Circulatory Support (EUROMACS): first annual report. European Journal of Cardio-thoracic Surgery, 2015, 47, 770-777.	1.4	77
6	Inhibition of soluble epoxide hydrolase by <i>cis</i> -4-[4-(3-adamantan-1-ylureido)cyclohexyl-oxy]benzoic acid exhibits antihypertensive and cardioprotective actions in transgenic rats with angiotensin II-dependent hypertension. Clinical Science, 2012, 122, 513-527.	4.3	63
7	Outcomes in HeartMate II Patients With No Antiplatelet Therapy: 2-Year Results From the European TRACE Study. Annals of Thoracic Surgery, 2017, 103, 1262-1268.	1.3	63
8	Clinical hemodynamic evaluation of patients implanted with a fully magnetically levitated left ventricular assist device (HeartMate 3). Journal of Heart and Lung Transplantation, 2017, 36, 28-35.	0.6	58
9	Multicentre clinical trial experience with the HeartMate 3 left ventricular assist device: 30-day outcomes. European Journal of Cardio-thoracic Surgery, 2016, 50, 548-554.	1.4	39
10	Knockout of Angiotensin 1 ⁷ Receptor Mas Worsens the Course of Two-Kidney, One-Clip Goldblatt Hypertension: Roles of Nitric Oxide Deficiency and Enhanced Vascular Responsiveness to Angiotensin II. Kidney and Blood Pressure Research, 2010, 33, 476-488.	2.0	35
11	Bridge to transplantation with long-term mechanical assist device in adults after the Mustard procedure. Journal of Heart and Lung Transplantation, 2015, 34, 1177-1181.	0.6	35
12	Similar renoprotection after renin-angiotensin-dependent and -independent antihypertensive therapy in 5/6 nephrectomized Ren2 transgenic rats: are there blood pressure-independent effects?. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 1159-1169.	1.9	29
13	Alloimmunosenitization in Left Ventricular Assist Device Recipients and Impact on Posttransplantation Outcome. ASAIO Journal, 2012, 58, 554-561.	1.6	29
14	EFFECT OF PERINATAL HYPOXIA ON CARDIAC TOLERANCE TO ACUTE ISCHAEMIA IN ADULT MALE AND FEMALE RATS. Clinical and Experimental Pharmacology and Physiology, 2006, 33, 714-719.	1.9	28
15	The impact of angiotensin II type 1 receptor antibodies on post-heart transplantation outcome in Heart Mate II bridged recipients. Interactive Cardiovascular and Thoracic Surgery, 2016, 22, 292-297.	1.1	28
16	Anesthesia Management of a Patient With a Ventricular Assist Device for Noncardiac Surgery. Seminars in Cardiothoracic and Vascular Anesthesia, 2010, 14, 29-31.	1.0	22
17	How does successful bridging with ventricular assist device affect cardiac transplantation outcome?. Interactive Cardiovascular and Thoracic Surgery, 2011, 13, 405-409.	1.1	22
18	Novel insights into pretransplant allosensitization in heart transplant recipients in the contemporary era of immunosuppression and rejection surveillance. Transplant International, 2016, 29, 63-72.	1.6	22

#	ARTICLE	IF	CITATIONS
19	Total Artificial Heart Support with Two Continuous-Flow Ventricular Assist Devices in a Patient with an Infiltrating Cardiac Sarcoma. <i>ASAIO Journal</i> , 2013, 59, 178-180.	1.6	19
20	Non-Fontan Adult Congenital Heart Disease Transplantation Survival Is Equivalent to Acquired Heart Disease Transplantation Survival. <i>Annals of Thoracic Surgery</i> , 2016, 101, 1768-1773.	1.3	17
21	Fungal Infections Associated with Long-Term Mechanical Circulatory Support-Diagnosis and Management. <i>Journal of Cardiac Surgery</i> , 2014, 29, 95-100.	0.7	16
22	Aortic and Mitral Valve Replacement Due to Extensive Inflammatory Immunoglobulin G4-Related Pseudotumor. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1439-1441.	1.3	15
23	Inverse mean value property of harmonic functions. <i>Mathematische Annalen</i> , 1993, 297, 147-156.	1.4	14
24	In Vitro Evaluation of Inflow Cannula Fixation Techniques in Left Ventricular Assist Device Surgery. <i>Artificial Organs</i> , 2017, 41, 272-275.	1.9	14
25	The wiener type solution of the Dirichlet problem in potential theory. <i>Mathematische Annalen</i> , 1976, 224, 173-178.	1.4	13
26	The Dirichlet Problem for Harmonic Functions. <i>American Mathematical Monthly</i> , 1980, 87, 621-628.	0.3	13
27	Contractivity of C. Neumann's operator in potential theory. <i>Journal of Mathematical Analysis and Applications</i> , 1977, 61, 607-619.	1.0	12
28	Case report: atypical fungal obstruction of the left ventricular assist device outflow cannula. <i>Journal of Cardiothoracic Surgery</i> , 2014, 9, 40.	1.1	11
29	Biphasic response in number of stem cells and endothelial progenitor cells after left ventricular assist device implantation: A 6 month follow-up. <i>International Journal of Cardiology</i> , 2016, 218, 98-103.	1.7	11
30	Intracardiac Ectopic Thyroid (Struma Cordis). <i>Journal of Cardiac Surgery</i> , 2014, 29, 155-158.	0.7	10
31	Inverse mean value property of harmonic functions. <i>Mathematische Annalen</i> , 1995, 303, 373-375.	1.4	9
32	Potential theory of the farthest point distance function. <i>Journal D'Analyse Mathematique</i> , 2007, 101, 163-177.	0.8	9
33	On the Picard principle for $\hat{\Gamma}^{\hat{A}+\hat{A}^{\hat{1}}/4}$. <i>Mathematische Zeitschrift</i> , 2012, 270, 783-807.	0.9	9
34	Volume densities with the mean value property for harmonic functions. <i>Proceedings of the American Mathematical Society</i> , 1995, 123, 135-140.	0.8	9
35	Refractory cardiogenic shock due to extensive anterior STEMI with covered left ventricular free wall rupture treated with awake VA-ECMO and LVAD as a double bridge to heart transplantation - collaboration of three cardiac centres. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301; Olomouc, Czechoslovakia</i> . 2015. 159. 681-687.	0.6	9
36	The Dirichlet Problem for Harmonic Functions. <i>American Mathematical Monthly</i> , 1980, 87, 621.	0.3	8

#	ARTICLE	IF	CITATIONS
37	Fredholm radius of a potential theoretic operator for convex sets. <i>Časopis Pro Pěstování Matematiky</i> , 1975, 100, 374-383.	0.1	8
38	Harmonic continuation and removable singularities in the axiomatic potential theory. <i>Mathematische Annalen</i> , 1978, 234, 117-123.	1.4	7
39	Convexity properties of harmonic measures. <i>Advances in Mathematics</i> , 2008, 218, 1181-1223.	1.1	7
40	Unavoidable sets and harmonic measures living on small sets. <i>Proceedings of the London Mathematical Society</i> , 2014, 109, 1601-1629.	1.3	7
41	Clinical correlates of B-type natriuretic peptide monitoring in outpatients with left ventricular assist device. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;</i> , Olomouc, Czechoslovakia, 2017, 161, 68-74.	0.6	7
42	In patients with concomitant aortic and mitral valve disease is aortic valve replacement with mitral valve repair superior to double valve replacement?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2011, 12, 238-242.	1.1	6
43	What is the optimal mode of mechanical support in transplanted patients with acute graft failure?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 16, 517-519.	1.1	6
44	The classical Dirichlet problem and its generalizations. <i>Lecture Notes in Mathematics</i> , 1980, , 235-266.	0.2	5
45	Is Severe Cardiac Dysfunction a Contraindication for Complex Combined Oncotherapy of Hodgkinâ€™s Lymphoma? Not Any More. <i>ASAIO Journal</i> , 2013, 59, 320-321.	1.6	5
46	Post-heart transplantation outcome of HeartMate II-bridged recipients requiring unplanned concomitant temporary right ventricular mechanical supportâ€™. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 372-378.	1.1	5
47	Choquet's theory and the Dirichlet problem. , 2002, 20, 229-254.		4
48	Systemic right ventricle supported by implantable axial-flow assist device. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 36, 403-403.	1.4	4
49	Jensen Measures in Potential Theory. <i>Potential Analysis</i> , 2012, 37, 79-90.	0.9	4
50	Champagne subdomains with unavoidable bubbles. <i>Advances in Mathematics</i> , 2013, 244, 106-116.	1.1	4
51	Novel Treatment of an Infiltrating Cardiac Fibrosarcoma. <i>Texas Heart Institute Journal</i> , 2014, 41, 248-249.	0.3	4
52	B-type natriuretic peptide: powerful predictor of end-stage chronic heart failure in individuals with systolic dysfunction of the systemic right ventricle. <i>Croatian Medical Journal</i> , 2016, 57, 343-350.	0.7	4
53	Friedreichâ€™s ataxia and advanced heart failure: An ethical conundrum in decision-making. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 1144-1145.	0.6	4
54	Huntâ€™s hypothesis (H) and triangle property of the Green function. , 2016, 34, 95-100.		4

#	ARTICLE	IF	CITATIONS
55	Thinness and the heat equation. <i>ÄŒasopis Pro PÄ›stovÄ›nÄ› Matematiky</i> , 1974, 099, 293-299.	0.1	4
56	Effect of perinatal hypoxia on cardiac tolerance to acute ischemia in adult male and female rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 989-990.	1.9	3
57	Single-stage Extensive Chronic Type A Dissecting Aortic Aneurysm Repair and Continuous-flow Ventricular Assist Device Implantation. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 523-526.	0.6	3
58	Giant right coronary artery aneurysm presenting as cardiac tamponade. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 1267.	1.4	3
59	Comprehensive Management of Severe Intestinal Bleeding in a Patient Supported for 94 Days by the Biventricular Levitronix CentriMag System. <i>Heart Surgery Forum</i> , 2010, 13, E409-E410.	0.5	3
60	Pervasive function spaces and the best harmonic approximation. <i>Journal of Approximation Theory</i> , 1987, 51, 175-182.	0.8	2
61	Locally uniform approximation by solutions of the classical Dirichlet problem. <i>Potential Analysis</i> , 1993, 2, 67-71.	0.9	2
62	Successive averages and harmonic functions. <i>Journal D'Analyse Mathematique</i> , 1997, 71, 159-171.	0.8	2
63	Kidney transplantation from a brain-dead heart transplant candidate treated with biventricular assist device: 12-month follow-up. <i>CKJ: Clinical Kidney Journal</i> , 2008, 1, 34-35.	2.9	2
64	Density of extremal measures in parabolic potential theory. <i>Mathematische Annalen</i> , 2009, 345, 657-684.	1.4	2
65	Tricuspid Valve Surgery in Patients With Idiopathic Hypereosinophilic Syndrome. <i>Journal of Cardiac Surgery</i> , 2015, 30, 140-144.	0.7	2
66	New modalities of surgical treatment for postinfarction left ventricular free wall rupture: A case report and literature review. <i>Cor Et Vasa</i> , 2015, 57, e359-e361.	0.1	2
67	Scaling invariant Harnack inequalities in a general setting. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 444, 980-999.	1.0	2
68	Reduced functions and Jensen measures. <i>Proceedings of the American Mathematical Society</i> , 2017, 146, 153-160.	0.8	2
69	Separation of points by classes of harmonic functions. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1993, 113, 561-571.	0.4	1
70	Pervasive Algebras of Analytic Functions. <i>Journal of Approximation Theory</i> , 2000, 106, 262-275.	0.8	1
71	eComment: Hemodynamic monitoring with LiDCOplus system in the patients supported by isolated right ventricular assist device. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2011, 13, 57-57.	1.1	1
72	Aortic Dissections Following Heart Transplantations. <i>Journal of Cardiac Surgery</i> , 2012, 27, 125-127.	0.7	1

#	ARTICLE	IF	CITATIONS
73	Right Ventricular Outflow Tract Obstruction Caused by Ectopic Thyroid Gland. <i>Annals of Thoracic Surgery</i> , 2014, 98, 345.	1.3	1
74	Minimally Invasive Removal of a Temporary RVAD. <i>ASAIO Journal</i> , 2015, 61, 202-204.	1.6	1
75	The EUROMACS Registry of patients who receive mechanical circulatory support: Role and perspectives. <i>Cirurgia Cardiovascular</i> , 2016, 23, 22-25.	0.1	1
76	Potential theory and approximation: highlights from the scientific work of Stephen Gardiner. <i>Analysis and Mathematical Physics</i> , 2019, 9, 679-709.	1.3	1
77	Lebesgue's criticism of Carl Neumann's method in potential theory. <i>Archive for History of Exact Sciences</i> , 2020, 74, 77-108.	0.5	1
78	The impact of Angiotensin II Type 1 Receptor antibodies on morbidity and mortality in Heart Mate II supported recipients. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2016, 160, 518-523.	0.6	1
79	L'unicite du probleme de dirichlet generalise pour un compact. <i>Lecture Notes in Mathematics</i> , 1982, , 269-281.	0.2	0
80	Limits of balayage measures. <i>Potential Analysis</i> , 1992, 1, 155-165.	0.9	0
81	Limit Behaviour of Convolution Products of Probability Measures. <i>Positivity</i> , 2001, 5, 51-63.	0.7	0
82	Harmonic approximation and Sarason's-type theorem. <i>Journal of Approximation Theory</i> , 2003, 120, 183-190.	0.8	0
83	Exposed sets in potential theory†The work is part of the research project MSM 0021620839 financed by MSMT.. <i>Bulletin Des Sciences Mathematiques</i> , 2006, 130, 646-659.	1.0	0
84	In memory of Josef Král. <i>Czechoslovak Mathematical Journal</i> , 2006, 56, 1063-1083.	0.3	0
85	Harmonic measures for a point may form a square. <i>Advances in Mathematics</i> , 2010, 225, 1830-1839.	1.1	0
86	On the existence of Evans potentials. <i>Mathematische Annalen</i> , 2013, 356, 1283-1302.	1.4	0
87	Volume mean densities for the heat equation. <i>Potential Analysis</i> , 2014, 41, 1111-1126.	0.9	0
88	Successful treatment of fulminant myocarditis with biventricular mechanical circulatory support: A two-year follow-up. <i>Cor Et Vasa</i> , 2014, 56, e436-e440.	0.1	0
89	A conception for the use of mechanical support for the treatment of advanced cardiac or pulmonary failure in the Czech Republic: A joint statement of the Czech Society of Cardiology, Czech Society of Intensive Care Medicine ĀCELS JEP, Czech Society of Cardiovascular Surgery ĀCELS JEP, Czech Society of Anesthesiology, Resuscitation and Intensive Care Medicine ĀCELS JEP, Czech Transplantation Society, Czech Society for Extracorporeal Circulation, Society for Organ Transplantations ĀCELS JEP. <i>Cor Et Vasa</i> , 2017, 59, e200-e203.	0.1	0
90	Semipolar Sets and Intrinsic Hausdorff Measure. <i>Potential Analysis</i> , 2019, 51, 49-69.	0.9	0

#	ARTICLE	IF	CITATIONS
91	Nearly Hyperharmonic Functions are Infima of Excessive Functions. Journal of Theoretical Probability, 2020, 33, 1613-1629.	0.8	0
92	Non-absolutely Convergent Generalized Laplacian. Potential Analysis, 2020, , 1.	0.9	0
93	On Evans's and Choquet's Theorems for Polar Sets. Potential Analysis, 2022, 56, 423-435.	0.9	0