

Ivan Netuka

List of Publications by Year in descending order

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93
papers

1,447
citations

394421

19
h-index

345221

36
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94
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94
docs citations

94
times ranked

1708
citing authors

#	ARTICLE	IF	CITATIONS
19	Evaluation of von Willebrand factor with a fully magnetically levitated centrifugal continuous-flow left ventricular assist device in advanced heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 860-867.	0.6	121
20	Novel insights into pretransplant allosensitization in heart transplant recipients in the contemporary era of immunosuppression and rejection surveillance. <i>Transplant International</i> , 2016, 29, 63-72.	1.6	22
21	Multicentre clinical trial experience with the HeartMate 3 left ventricular assist device: 30-day outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 548-554.	1.4	39
22	Scaling invariant Harnack inequalities in a general setting. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 444, 980-999.	1.0	2
23	The impact of angiotensin II type 1 receptor antibodies on post-heart transplantation outcome in Heart Mate II bridged recipients. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 292-297.	1.1	28
24	Hunt's hypothesis (H) and triangle property of the Green function. , 2016, 34, 95-100.		4
25	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, Olomouc, Czechoslovakia</i> , 2016, 160, 518-523.	0.6	1
26	Post-heart transplantation outcome of HeartMate II-bridged recipients requiring unplanned concomitant temporary right ventricular mechanical support. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 372-378.	1.1	5
27	Bridge to transplantation with long-term mechanical assist device in adults after the Mustard procedure. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1177-1181.	0.6	35
28	Fully Magnetically Levitated Left Ventricular Assist System for Treating Advanced HF. <i>Journal of the American College of Cardiology</i> , 2015, 66, 2579-2589.	2.8	208
29	Minimally Invasive Removal of a Temporary RVAD. <i>ASAIO Journal</i> , 2015, 61, 202-204.	1.6	1
30	The European Registry for Patients with Mechanical Circulatory Support (EUROMACS): first annual report. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 770-777.	1.4	77
31	Tricuspid Valve Surgery in Patients With Idiopathic Hypereosinophilic Syndrome. <i>Journal of Cardiac Surgery</i> , 2015, 30, 140-144.	0.7	2
32	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
33	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
34	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 Palacky, Olomouc, Czechoslovakia</i> , 2015, 159, 681-687.	0.6	9
35	Unavoidable sets and harmonic measures living on small sets. <i>Proceedings of the London Mathematical Society</i> , 2014, 109, 1601-1629.	1.3	7
36	Novel Treatment of an Infiltrating Cardiac Fibrosarcoma. <i>Texas Heart Institute Journal</i> , 2014, 41, 248-249.	0.3	4

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37	Intracardiac Ectopic Thyroid (Struma Cordis). Journal of Cardiac Surgery, 2014, 29, 155-158.	0.7	10
38	Fungal Infections Associated with Long-Term Mechanical Circulatory Support-Diagnosis and Management. Journal of Cardiac Surgery, 2014, 29, 95-100.	0.7	16
39	Right Ventricular Outflow Tract Obstruction Caused by Ectopic Thyroid Gland. Annals of Thoracic Surgery, 2014, 98, 345.	1.3	1
40	Volume mean densities for the heat equation. Potential Analysis, 2014, 41, 1111-1126.	0.9	0
41	Successful treatment of fulminant myocarditis with biventricular mechanical circulatory support: A two-year follow-up. Cor Et Vasa, 2014, 56, e436-e440.	0.1	0
42	Case report: atypical fungal obstruction of the left ventricular assist device outflow cannula. Journal of Cardiothoracic Surgery, 2014, 9, 40.	1.1	11
43	Champagne subdomains with unavoidable bubbles. Advances in Mathematics, 2013, 244, 106-116.	1.1	4
44	On the existence of Evans potentials. Mathematische Annalen, 2013, 356, 1283-1302.	1.4	0
45	Total Artificial Heart Support with Two Continuous-Flow Ventricular Assist Devices in a Patient with an Infiltrating Cardiac Sarcoma. ASAIO Journal, 2013, 59, 178-180.	1.6	19
46	Is Severe Cardiac Dysfunction a Contraindication for Complex Combined Oncotherapy of Hodgkin's Lymphoma? Not Any More. ASAIO Journal, 2013, 59, 320-321.	1.6	5
47	What is the optimal mode of mechanical support in transplanted patients with acute graft failure?. Interactive Cardiovascular and Thoracic Surgery, 2013, 16, 517-519.	1.1	6
48	Alloimmunosenitization in Left Ventricular Assist Device Recipients and Impact on Posttransplantation Outcome. ASAIO Journal, 2012, 58, 554-561.	1.6	29
49	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
50	Jensen Measures in Potential Theory. Potential Analysis, 2012, 37, 79-90.	0.9	4
51	On the Picard principle for $\hat{\Gamma}^n$. Mathematische Zeitschrift, 2012, 270, 783-807.	0.9	9
52	Aortic Dissections Following Heart Transplantations. Journal of Cardiac Surgery, 2012, 27, 125-127.	0.7	1
53	eComment: Hemodynamic monitoring with LiDCOplus system in the patients supported by isolated right ventricular assist device. Interactive Cardiovascular and Thoracic Surgery, 2011, 13, 57-57.	1.1	1
54	In patients with concomitant aortic and mitral valve disease is aortic valve replacement with mitral valve repair superior to double valve replacement?. Interactive Cardiovascular and Thoracic Surgery, 2011, 12, 238-242.	1.1	6

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55	How does successful bridging with ventricular assist device affect cardiac transplantation outcome?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2011, 13, 405-409.	1.1	22
56	Giant right coronary artery aneurysm presenting as cardiac tamponade. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 1267.	1.4	3
57	Harmonic measures for a point may form a square. <i>Advances in Mathematics</i> , 2010, 225, 1830-1839.	1.1	0
58	Similar renoprotection after renin-angiotensin-dependent and -independent antihypertensive therapy in 5/6-nephrectomized Ren-2 transgenic rats: are there blood pressure-independent effects?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 1159-1169.	1.9	29
59	Anesthesia Management of a Patient With a Ventricular Assist Device for Noncardiac Surgery. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2010, 14, 29-31.	1.0	22
60	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. <i>Kidney and Blood Pressure Research</i> , 2010, 33, 476-488.	2.0	35
61	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
62	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
63	Density of extremal measures in parabolic potential theory. <i>Mathematische Annalen</i> , 2009, 345, 657-684.	1.4	2
64	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
65	Gender Differences in Cardiac Ischemic Injury and Protection—Experimental Aspects. <i>Experimental Biology and Medicine</i> , 2009, 234, 1011-1019.	2.4	118
66	Convexity properties of harmonic measures. <i>Advances in Mathematics</i> , 2008, 218, 1181-1223.	1.1	7
67	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
68	Potential theory of the farthest point distance function. <i>Journal D'Analyse Mathematique</i> , 2007, 101, 163-177.	0.8	9
69	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
70	EFFECT OF PERINATAL HYPOXIA ON CARDIAC TOLERANCE TO ACUTE ISCHAEMIA IN ADULT MALE AND FEMALE RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 714-719.	1.9	28
71	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
72	In memory of Josef Král. <i>Czechoslovak Mathematical Journal</i> , 2006, 56, 1063-1083.	0.3	0

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73	Harmonic approximation and Sarason's-type theorem. Journal of Approximation Theory, 2003, 120, 183-190.	0.8	0
74	Choquet's theory and the Dirichlet problem. , 2002, 20, 229-254.		4
75	Limit Behaviour of Convolution Products of Probability Measures. Positivity, 2001, 5, 51-63.	0.7	0
76	Pervasive Algebras of Analytic Functions. Journal of Approximation Theory, 2000, 106, 262-275.	0.8	1
77	Successive averages and harmonic functions. Journal D'Analyse Mathematique, 1997, 71, 159-171.	0.8	2
78	Inverse mean value property of harmonic functions. Mathematische Annalen, 1995, 303, 373-375.	1.4	9
79	Volume densities with the mean value property for harmonic functions. Proceedings of the American Mathematical Society, 1995, 123, 135-140.	0.8	9
80	Locally uniform approximation by solutions of the classical Dirichlet problem. Potential Analysis, 1993, 2, 67-71.	0.9	2
81	Inverse mean value property of harmonic functions. Mathematische Annalen, 1993, 297, 147-156.	1.4	14
82	Separation of points by classes of harmonic functions. Mathematical Proceedings of the Cambridge Philosophical Society, 1993, 113, 561-571.	0.4	1
83	Limits of balayage measures. Potential Analysis, 1992, 1, 155-165.	0.9	0
84	Pervasive function spaces and the best harmonic approximation. Journal of Approximation Theory, 1987, 51, 175-182.	0.8	2
85	L'unicite du probleme de dirichlet generalise pour un compact. Lecture Notes in Mathematics, 1982, , 269-281.	0.2	0
86	The Dirichlet Problem for Harmonic Functions. American Mathematical Monthly, 1980, 87, 621-628.	0.3	13
87	The Dirichlet Problem for Harmonic Functions. American Mathematical Monthly, 1980, 87, 621.	0.3	8
88	The classical Dirichlet problem and its generalizations. Lecture Notes in Mathematics, 1980, , 235-266.	0.2	5
89	Harmonic continuation and removable singularities in the axiomatic potential theory. Mathematische Annalen, 1978, 234, 117-123.	1.4	7
90	Contractivity of C. Neumann's operator in potential theory. Journal of Mathematical Analysis and Applications, 1977, 61, 607-619.	1.0	12

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91	The wiener type solution of the Dirichlet problem in potential theory. <i>Mathematische Annalen</i> , 1976, 224, 173-178.	1.4	13
92	Fredholm radius of a potential theoretic operator for convex sets. <i>ÄŒasopis Pro PÄ›stovÄ›nÄ–Matematiky</i> , 1975, 100, 374-383.	0.1	8
93	Thinness and the heat equation. <i>ÄŒasopis Pro PÄ›stovÄ›nÄ–Matematiky</i> , 1974, 099, 293-299.	0.1	4