

Jaroslav Hanc1

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

158
citations

1478505

6
h-index

1474206

9
g-index

50
all docs

50
docs citations

50
times ranked

30
citing authors

#	ARTICLE	IF	CITATIONS
1	On the irrationality of Cantor series. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2004, 2004, .	0.9	10
2	Cluster points of sequences of fuzzy real numbers. <i>Soft Computing</i> , 2010, 14, 399-404.	3.6	10
3	Explicit irrationality measures for continued fractions. <i>Journal of Number Theory</i> , 2012, 132, 1758-1769.	0.4	9
4	On the irrationality of factorial series. <i>Acta Arithmetica</i> , 2005, 118, 383-401.	0.4	9
5	A Criterion for Linear Independence of Series. <i>Rocky Mountain Journal of Mathematics</i> , 2004, 34, 173.	0.4	8
6	On the Lebesgue measure of the expressible set of certain sequences. <i>Indagationes Mathematicae</i> , 2006, 17, 567-581.	0.4	8
7	ERDŐS'S METHOD FOR DETERMINING THE IRRATIONALITY OF PRODUCTS. <i>Bulletin of the Australian Mathematical Society</i> , 2011, 84, 414-424.	0.5	6
8	Sharpening of theorems of Vahlen and Hurwitz and approximation properties of the golden ratio. <i>Archiv Der Mathematik</i> , 2015, 105, 129-137.	0.5	6
9	Special linearly unrelated sequences. <i>Kyoto Journal of Mathematics</i> , 2006, 46, .	0.3	6
10	A general criterion for linearly unrelated sequences. <i>Tsukuba Journal of Mathematics</i> , 2003, 27, 341.	0.1	5
11	Liouville sequences. <i>Nagoya Mathematical Journal</i> , 2003, 172, 173-187.	0.8	5
12	The Transcendence of Certain Infinite Series. <i>Rocky Mountain Journal of Mathematics</i> , 2005, 35, 531.	0.4	5
13	Linearly unrelated sequences. <i>Pacific Journal of Mathematics</i> , 1999, 190, 299-310.	0.5	5
14	ON THE TRANSCENDENCE OF SOME INFINITE SERIES. <i>Glasgow Mathematical Journal</i> , 2008, 50, 33-37.	0.3	4
15	A note on the transcendence of infinite products. <i>Czechoslovak Mathematical Journal</i> , 2012, 62, 613-623.	0.3	4
16	On irrationality exponents of generalized continued fractions. <i>Journal of Number Theory</i> , 2015, 151, 18-35.	0.4	4
17	Second basic theorem of Hurwitz*. <i>Lithuanian Mathematical Journal</i> , 2016, 56, 72-76.	0.4	4
18	Irrationality measure of sequences. <i>Hiroshima Mathematical Journal</i> , 2005, 35, .	0.3	4

#	ARTICLE	IF	CITATIONS
19	Certain Liouville series. <i>Annali Dell'Universita Di Ferrara</i> , 2006, 52, 45-51.	1.3	3
20	A transcendence criterion for infinite products. <i>Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni</i> , 2007, 18, 295-303.	0.6	3
21	Linearly unrelated sequences and problem of Erdős. <i>Ramanujan Journal</i> , 2008, 17, 331-342.	0.7	3
22	Lebesgue measure and Hausdorff dimension of special sets of real numbers from (0,1). <i>Ramanujan Journal</i> , 2012, 28, 15-23.	0.7	3
23	Irrationality measures for almost periodic continued fractions. <i>Georgian Mathematical Journal</i> , 2016, 23, .	0.6	3
24	On the irrationality of infinite series of reciprocals of square roots. <i>Rocky Mountain Journal of Mathematics</i> , 2017, 47, .	0.4	3
25	One-sided Diophantine approximations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 045205.	2.1	3
26	On the irrationality of polynomial Cantor series. <i>Acta Arithmetica</i> , 2008, 133, 37-52.	0.4	3
27	Expressible sets of sequences with Hausdorff dimension zero. <i>Monatshefte Fur Mathematik</i> , 2007, 152, 315-319.	0.9	2
28	On Expressible Sets of Geometric Sequences. <i>Functiones Et Approximatio, Commentarii Mathematici</i> , 2008, 39, .	0.3	2
29	Continued fractional measure of irrationality. <i>Kyoto Journal of Mathematics</i> , 2010, 50, .	0.3	2
30	On the irrationality of factorial series II. <i>Journal of Number Theory</i> , 2010, 130, 595-607.	0.4	2
31	Irrationality measures for continued fractions with arithmetic functions. <i>Publications De L'Institut Mathematique</i> , 2015, 97, 139-148.	0.2	2
32	On the Hausdorff dimension of the expressible set of certain sequences. <i>Acta Arithmetica</i> , 2012, 155, 85-90.	0.4	2
33	Boundedly expressible sets. <i>Czechoslovak Mathematical Journal</i> , 2009, 59, 649-654.	0.3	1
34	On the irrationality of factorial series III. <i>Indagationes Mathematicae</i> , 2009, 20, 537-549.	0.4	1
35	Irrationality of infinite products. <i>Publicationes Mathematicae</i> , 2013, 83, 667-681.	0.2	1
36	On expressible sets of products. <i>Periodica Mathematica Hungarica</i> , 2014, 69, 199-206.	0.9	1

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37	On a Theorem of A. A. Markoff. Results in Mathematics, 2021, 76, 1.	0.8	1
38	Irrationality of quick convergent series. Journal De Theorie Des Nombres De Bordeaux, 1996, 8, 275-282.	0.1	1
39	Linear independence of continued fractions. Journal De Theorie Des Nombres De Bordeaux, 2002, 14, 489-495.	0.1	1
40	A Criterion for linear independence of infinite products. Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica, 2015, 23, 107-120.	0.3	1
41	Productly linearly independent sequences. Studia Scientiarum Mathematicarum Hungarica, 2015, 52, 350-370.	0.1	1
42	IRRATIONALITY MEASURES FOR CONTINUED FRACTIONS WITH ASYMPTOTIC CONDITIONS. Kyushu Journal of Mathematics, 2016, 70, 205-216.	0.4	1
43	Fuzzy rational approximation of irrationals. Fuzzy Sets and Systems, 2009, 160, 1048-1053.	2.7	0
44	Asymptotic distance and its application. Rocky Mountain Journal of Mathematics, 2011, 41, .	0.4	0
45	On expressible sets and p -adic numbers. Proceedings of the Edinburgh Mathematical Society, 2011, 54, 411-422.	0.3	0
46	Quantitative metric theory of continued fractions. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2016, 126, 167-177.	0.1	0
47	Irrationality of Infinite Series. Mediterranean Journal of Mathematics, 2019, 16, 1.	0.8	0
48	A note on irrationality measures. Mathematica Scandinavica, 2009, 104, 117.	0.2	0
49	Sequences of cantor type and their expressibility. Mathematica Slovaca, 2017, 67, 41-50.	0.6	0
50	Irrationality and transcendence of infinite continued fractions of square roots. Acta Arithmetica, 2018, 184, 31-36.	0.4	0