

# Petr Hájek

## List of Publications by Year in descending order

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50  
papers

909  
citations

933264

10  
h-index

642610

23  
g-index

53  
all docs

53  
docs citations

53  
times ranked

343  
citing authors

#	ARTICLE	IF	CITATIONS
1	Projecting Lipschitz Functions Onto Spaces of Polynomials. Mediterranean Journal of Mathematics, 2022, 19, .	0.4	0
2	A Hilbert space characterization using a pair of decompositions. Journal of Functional Analysis, 2021, 280, 108828.	0.7	0
3	An Asplund space with norming Markushevich-basis that is not weakly compactly generated. Advances in Mathematics, 2021, 392, 108041.	0.5	3
4	On densely isomorphic normed spaces. Journal of Functional Analysis, 2020, 279, 108667.	0.7	3
5	Almost square dual Banach spaces. Journal of Mathematical Analysis and Applications, 2020, 487, 124003.	0.5	4
6	A note on biorthogonal systems. Revista Matematica Complutense, 2020, 33, 859-869.	0.7	1
7	Hilbert generated Banach spaces need not have a norming Markushevich basis. Advances in Mathematics, 2019, 351, 702-717.	0.5	5
8	Symmetrically separated sequences in the unit sphere of a Banach space. Journal of Functional Analysis, 2018, 275, 3148-3168.	0.7	4
9	A remark on smooth images of Banach spaces. Journal of Mathematical Analysis and Applications, 2018, 458, 1307-1313.	0.5	1
10	Strongly Extreme Points and Approximation Properties. Canadian Mathematical Bulletin, 2018, 61, 449-457.	0.3	0
11	On coarse embeddings into $c_0(\hat{\Gamma})$ . Quarterly Journal of Mathematics, 2018, 69, 211-222.	0.3	1
12	Some remarks on smooth renormings of Banach spaces. Journal of Mathematical Analysis and Applications, 2017, 455, 1272-1284.	0.5	2
13	On uniformly differentiable mappings from $\hat{a}, \hat{a}^{\sim}(\hat{\Gamma})$ . Journal of Mathematical Analysis and Applications, 2016, 439, 125-134.	0.5	0
14	Cross-sections of solution funnels. Journal of Mathematical Analysis and Applications, 2016, 433, 957-973.	0.5	0
15	$\hat{a}^{\sim}$ -smooth approximations of LUR norms. Transactions of the American Mathematical Society, 2014, 366, 1973-1992.	0.5	6
16	The Szlenk index of $L_p(X)$ . Bulletin of the London Mathematical Society, 2014, 46, 415-424.	0.4	4
17	Polynomial algebras and smooth functions in Banach spaces. Journal of Functional Analysis, 2014, 266, 1627-1646.	0.7	8
18	On Schauder bases in Lipschitz-free spaces. Journal of Mathematical Analysis and Applications, 2014, 416, 629-646.	0.5	18

#	ARTICLE	IF	CITATIONS
19	Extensions of smooth mappings into biduals and weak continuity. <i>Advances in Mathematics</i> , 2013, 234, 453-487.	0.5	6
20	Some duality relations in the theory of tensor products. , 2012, 30, 239-249.		2
21	Polynomials and identities on real Banach spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2012, 385, 1015-1026.	0.5	3
22	Superreflexive Spaces. <i>CMS Books in Mathematics</i> , 2011, , 429-463.	0.8	0
23	Banach Space Theory. <i>CMS Books in Mathematics</i> , 2011, , .	0.8	287
24	Operator Machines on Directed Graphs. <i>Integral Equations and Operator Theory</i> , 2010, 67, 15-31.	0.4	2
25	On $\Gamma$ -limit sets of ordinary differential equations in Banach spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2010, 371, 793-812.	0.5	0
26	Boundedness of biorthogonal systems in Banach spaces. <i>Israel Journal of Mathematics</i> , 2010, 177, 145-154.	0.4	4
27	On Peano's theorem in Banach spaces. <i>Journal of Differential Equations</i> , 2010, 249, 3342-3351.	1.1	12
28	Smooth approximations. <i>Journal of Functional Analysis</i> , 2010, 259, 561-582.	0.7	19
29	Some problems on ordinary differential equations in Banach spaces. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2010, 104, 245-255.	0.6	2
30	Uniformly Gâteaux smooth approximations on $C(X)$ . <i>Journal of Mathematical Analysis and Applications</i> , 2009, 350, 623-629.	0.5	10
31	Uniformly Gâteaux smooth approximations on $C(X)$ . <i>Journal of Mathematical Analysis and Applications</i> , 2009, 353, 239-243.	0.5	6
32	Polyhedrality in Orlicz spaces. <i>Israel Journal of Mathematics</i> , 2008, 168, 167-188.	0.4	4
33	Smoothing of bump functions. <i>Journal of Mathematical Analysis and Applications</i> , 2008, 338, 1131-1139.	0.5	4
34	SMOOTH NORMS AND APPROXIMATION IN BANACH SPACES OF THE TYPE $\lambda(K)$ . <i>Quarterly Journal of Mathematics</i> , 2007, 58, 221-228.	0.3	9
35	Various Slicing Indices on Banach Spaces. <i>Mediterranean Journal of Mathematics</i> , 2007, 4, 179-190.	0.4	16
36	Odd Degree Polynomials on Real Banach Spaces. <i>Positivity</i> , 2007, 11, 143-153.	0.3	11

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37	Schauder Bases under Uniform Renormings. Positivity, 2007, 11, 627-638.	0.3	2
38	Smooth Partitions of Unity on Certain $C(K)$ Spaces. Mathematika, 2005, 52, 131-138.	0.3	4
39	Some Remarks on Biorthogonal Systems in Banach Spaces. Milan Journal of Mathematics, 2005, 73, 211-220.	0.7	0
40	On the range of the derivative of Gâteaux-smooth functions on separable banach spaces. Israel Journal of Mathematics, 2005, 145, 257-269.	0.4	6
41	Isomorphic embeddings and harmonic behaviour of smooth operators. Israel Journal of Mathematics, 2004, 143, 299-315.	0.4	1
42	Smooth approximations without critical points. Central European Journal of Mathematics, 2003, 1, 284-291.	0.7	4
43	Smooth norms on certain $C(K)$ spaces. Proceedings of the American Mathematical Society, 2003, 131, 2049-2051.	0.4	5
44	Functional Analysis and Infinite-Dimensional Geometry. , 2001, , .		265
45	Smooth functions on $C(K)$ . Israel Journal of Mathematics, 1998, 107, 237-252.	0.4	15
46	Polynomial algebras on classical banach spaces. Israel Journal of Mathematics, 1998, 106, 209-220.	0.4	11
47	Analytic and polyhedral approximation of convex bodies in separable polyhedral Banach spaces. Israel Journal of Mathematics, 1998, 105, 139-154.	0.4	42
48	Smooth functions on $C_0$ . Israel Journal of Mathematics, 1998, 104, 17-27.	0.4	33
49	On $C^2$ smooth norms on $C_0$ . Mathematika, 1996, 43, 362-370.	0.3	0
50	Smooth Norms that Depend Locally on Finitely many Coordinates. Proceedings of the American Mathematical Society, 1995, 123, 3817.	0.4	24