

# Klaus Keimel

## List of Publications by Year in descending order

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28  
papers

877  
citations

686830

13  
h-index

454577

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

199  
citing authors

#	ARTICLE	IF	CITATIONS
1	Domain Theory its Ramifications and Interactions. <i>Electronic Notes in Theoretical Computer Science</i> , 2017, 333, 3-16.	0.9	5
2	The Cuntz semigroup and domain theory. <i>Soft Computing</i> , 2017, 21, 2485-2502.	2.1	6
3	Healthiness Conditions for Predicate Transformers. <i>Electronic Notes in Theoretical Computer Science</i> , 2015, 319, 255-270.	0.9	5
4	Weak topologies and compactness in asymmetric functional analysis. <i>Topology and Its Applications</i> , 2015, 185-186, 1-22.	0.2	3
5	Locally convex cones and the Schröder-Simpson theorem. <i>Quaestiones Mathematicae</i> , 2012, 35, 353-390.	0.2	8
6	Extending algebraic operations to $\mathcal{D}$ -completions. <i>Theoretical Computer Science</i> , 2012, 430, 73-87.	0.5	3
7	Choquet-Kendall-Matheron theorems for non-Hausdorff spaces. <i>Mathematical Structures in Computer Science</i> , 2011, 21, 511-561.	0.5	9
8	Predicate transformers for extended probability and non-determinism. <i>Mathematical Structures in Computer Science</i> , 2009, 19, 501-539.	0.5	11
9	$\mathcal{D}$ -completions and the $\mathcal{d}$ -topology. <i>Annals of Pure and Applied Logic</i> , 2009, 159, 292-306.	0.3	56
10	Semantic Domains for Combining Probability and Non-Determinism. <i>Electronic Notes in Theoretical Computer Science</i> , 2009, 222, 3-99.	0.9	38
11	Topological cones: functional analysis in a T0-setting. <i>Semigroup Forum</i> , 2008, 77, 109-142.	0.3	14
12	Topological Cones: Foundations for a Domain Theoretical Semantics Combining Probability and Nondeterminism. <i>Electronic Notes in Theoretical Computer Science</i> , 2006, 155, 423-443.	0.9	10
13	The Extended Probabilistic Powerdomain Monad over Stably Compact Spaces. <i>Lecture Notes in Computer Science</i> , 2006, , 566-575.	1.0	3
14	Measure extension theorems for $\mathcal{P}$ .	0.2	18
15	The probabilistic powerdomain for stably compact spaces. <i>Theoretical Computer Science</i> , 2004, 328, 221-244.	0.5	28
16	The way-below relation of function spaces over semantic domains. <i>Topology and Its Applications</i> , 1998, 89, 61-74.	0.2	37
17	A direct proof of the Hofmann-Mislove theorem. <i>Proceedings of the American Mathematical Society</i> , 1994, 120, 301-303.	0.4	25
18	Samuel Wolfenstein in memoriam. <i>Order</i> , 1988, 5, 105-106.	0.3	0

#	ARTICLE	IF	CITATIONS
19	A Korovkin type approximation theorem for set-valued functions. Proceedings of the American Mathematical Society, 1988, 104, 819-819.	0.4	17
20	Verfeinerungs- und K�rzungss�tze f�r Produkte geordneter topologischer R�ume und f�r Funktionen (-halb-) verb�nde. Lecture Notes in Mathematics, 1981, , 20-44.	0.1	2
21	Topologische Darstellung von Verb�nden. Mathematische Zeitschrift, 1976, 150, 83-99.	0.4	9
22	Baer extensions of rings and stone extensions of semigroups. Semigroup Forum, 1971, 2, 55-63.	0.3	11
23	Congruence relations on cone semigroups. Semigroup Forum, 1971, 3, 130-147.	0.3	6
24	Darstellung von Halbgruppen und universellen Algebren durch Schnitte in Garben; biregul�re Halbgruppen. Mathematische Nachrichten, 1970, 45, 81-96.	0.4	17
25	A cross section theorem for certain compact abelian semigroups. Semigroup Forum, 1970, 1, 254-259.	0.3	5
26	Alg�bres Commutatives Engendr�es Par Leurs �ments Idempotents. Canadian Journal of Mathematics, 1970, 22, 1071-1078.	0.3	8
27	Lokal kompakte Kegelhalbgruppen und deren Einbettung in topologische Vektorr�ume. Mathematische Zeitschrift, 1967, 99, 405-428.	0.4	19
28	Eine Exponentialfunktion f�r kompakte abelsche Halbgruppen. Mathematische Zeitschrift, 1967, 96, 7-25.	0.4	27