

Marco Fontana

List of Publications by Year in descending order

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papers

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citations

430874

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345221

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all docs

55
docs citations

55
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	Topologically defined classes of commutative rings. Annali Di Matematica Pura Ed Applicata, 1980, 123, 331-355.	1.0	218
2	AN AMALGAMATED DUPLICATION OF A RING ALONG AN IDEAL: THE BASIC PROPERTIES. Journal of Algebra and Its Applications, 2007, 06, 443-459.	0.4	170
3	Properties of chains of prime ideals in an amalgamated algebra along an ideal. Journal of Pure and Applied Algebra, 2010, 214, 1633-1641.	0.6	109
4	On the Class Group and the Local Class Group of a Pullback. Journal of Algebra, 1996, 181, 803-835.	0.7	97
5	The amalgamated duplication of a ring along a multiplicative-canonical ideal. Arkiv for Matematik, 2007, 45, 241-252.	0.5	97
6	Nagata Rings, Kronecker Function Rings, and Related Semistar Operations. Communications in Algebra, 2003, 31, 4775-4805.	0.6	78
7	Localizing Systems and Semistar Operations. , 2000, , 169-197.		62
8	Umt-domains and domains with Prüfer integral closure. Communications in Algebra, 1998, 26, 1017-1039.	0.6	58
9	New Algebraic Properties of an Amalgamated Algebra Along an Ideal. Communications in Algebra, 2016, 44, 1836-1851.	0.6	46
10	Semistar Dedekind domains. Journal of Pure and Applied Algebra, 2004, 193, 27-60.	0.6	35
11	Kronecker function rings and abstract Riemann surfaces. Journal of Algebra, 1986, 99, 263-274.	0.7	33
12	Abstract Riemann surfaces of integral domains and spectral spaces. Annali Di Matematica Pura Ed Applicata, 1987, 148, 101-115.	1.0	31
13	Factoring Ideals in Integral Domains. Lecture Notes of the Unione Matematica Italiana, 2013, , .	0.4	29
14	Semistar Linkedness and Flatness, Prüfer Semistar Multiplication Domains. Communications in Algebra, 2004, 32, 1101-1126.	0.6	27
15	The constructible topology on spaces of valuation domains. Transactions of the American Mathematical Society, 2013, 365, 6199-6216.	0.9	26
16	An historical overview of Kronecker function rings, Nagata rings, and related star and semistar operations. , 2006, , 169-187.		26
17	Semistar Invertibility on Integral Domains. Algebra Colloquium, 2005, 12, 645-664.	0.2	25
18	Cancellation properties in ideal systems: A classification of e.a.b. semistar operations. Journal of Pure and Applied Algebra, 2009, 213, 2095-2103.	0.6	22

#	ARTICLE	IF	CITATIONS
19	Kronecker Function Rings: A General Approach. , 2019, , 189-206.		22
20	Conducive integral domains as pullbacks. Manuscripta Mathematica, 1986, 54, 261-277.	0.6	20
21	On v -Domains and Star Operations. Communications in Algebra, 2009, 37, 3018-3043.	0.6	19
22	On treed nagata rings. Journal of Pure and Applied Algebra, 1989, 61, 107-122.	0.6	18
23	The Patch Topology and the Ultrafilter Topology on the Prime Spectrum of a Commutative Ring. Communications in Algebra, 2008, 36, 2917-2922.	0.6	18
24	Spectral spaces of semistar operations. Journal of Pure and Applied Algebra, 2016, 220, 2897-2913.	0.6	17
25	Uppers to Zero in Polynomial Rings and Prüfer-Like Domains. Communications in Algebra, 2009, 37, 164-192.	0.6	16
26	Toward a classification of prime ideals in Prüfer domains. Forum Mathematicum, 2010, 22, .	0.7	15
27	On certain distinguished spectral sets. Annali Di Matematica Pura Ed Applicata, 1981, 128, 227-240.	1.0	14
28	Some remarks on Prüfer \ast -multiplication domains and class groups. Journal of Algebra, 2008, 319, 272-295.	0.7	14
29	A topological version of Hilbert's Nullstellensatz. Journal of Algebra, 2016, 461, 25-41.	0.7	12
30	Prüfer \ast -multiplication domains and \ast -coherence. Ricerche Di Matematica, 2006, 55, 145-170.	1.0	10
31	On v -domains: a survey. , 2011, , 145-179.		10
32	New Distinguished Classes of Spectral Spaces: A Survey. Springer Proceedings in Mathematics and Statistics, 2016, , 117-143.	0.2	10
33	Uppers to zero and semistar operations in polynomial rings. Journal of Algebra, 2007, 318, 484-493.	0.7	9
34	Star operations and pullbacks. Journal of Algebra, 2004, 274, 387-421.	0.7	8
35	A generalization of Kronecker function rings and Nagata rings. Forum Mathematicum, 2007, 19, .	0.7	8
36	Ultrafilter and Constructible Topologies on Spaces of Valuation Domains. Communications in Algebra, 2013, 41, 1825-1835.	0.6	8

#	ARTICLE	IF	CITATIONS
37	On some classes of integral domains defined by Krull's a.b. operations. Journal of Algebra, 2011, 341, 179-197.	0.7	6
38	On integral domains whose overrings are Kaplansky ideal transforms. Journal of Pure and Applied Algebra, 2001, 163, 173-192.	0.6	5
39	INTEGRAL DOMAINS WHOSE SIMPLE OVERRINGS ARE INTERSECTIONS OF LOCALIZATIONS. Journal of Algebra and Its Applications, 2005, 04, 195-209.	0.4	5
40	On the star class group of a pullback. Journal of Algebra, 2005, 292, 516-539.	0.7	4
41	Topological properties of semigroup primes of a commutative ring. Beitrage Zur Algebra Und Geometrie, 2017, 58, 453-476.	0.5	3
42	t-Local Domains and Valuation Domains. Trends in Mathematics, 2019, , 33-62.	0.1	3
43	NAGATA TRANSFORMS AND LOCALIZING SYSTEMS. Communications in Algebra, 2002, 30, 2297-2308.	0.6	2
44	An Overring-Theoretic Approach to Polynomial Extensions of Star and Semistar Operations. Communications in Algebra, 2011, 39, 1956-1978.	0.6	2
45	Intersections of quotient rings and Prüfer v-multiplication domains. Journal of Algebra and Its Applications, 2016, 15, 1650149.	0.4	2
46	The upper Vietoris topology on the space of inverse-closed subsets of a spectral space and applications. Rocky Mountain Journal of Mathematics, 2018, 48, .	0.4	2
47	Universal property of the Kaplansky ideal transform and affineness of open subsets. Journal of Pure and Applied Algebra, 2002, 173, 121-134.	0.6	1
48	Polynomial extensions of semistar operations. Journal of Algebra, 2013, 390, 250-263.	0.7	1
49	Sharpness and semistar operations in Prüfer-like domains. Communications in Algebra, 2019, 47, 1478-1489.	0.6	1
50	Idempotence and Divisibility in Prüfer-Like Domains. Springer Proceedings in Mathematics and Statistics, 2020, , 169-182.	0.2	1
51	Corrigendum to "New algebraic properties of an amalgamated algebra along an ideal". Communications in Algebra, 2017, 45, 3703-3705.	0.6	0
52	Some applications of the ultrafilter topology on spaces of valuation domains, Part I. Actes Des Rencontres Du CIRM, 2010, 2, 107-109.	0.0	0
53	Some applications of the ultrafilter topology on spaces of valuation domains, Part II. Actes Des Rencontres Du CIRM, 2010, 2, 111-114.	0.0	0