

Ayman Badawi

List of Publications by Year in descending order

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44
papers

1,345
citations

471509

17
h-index

377865

34
g-index

48
all docs

48
docs citations

48
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	The total graph of a commutative ring. <i>Journal of Algebra</i> , 2008, 320, 2706-2719.	0.7	247
2	On 2-absorbing ideals of commutative rings. <i>Bulletin of the Australian Mathematical Society</i> , 2007, 75, 417-429.	0.5	155
3	On the Zero-Divisor Graph of a Ring. <i>Communications in Algebra</i> , 2008, 36, 3073-3092.	0.6	105
4	On n -Absorbing Ideals of Commutative Rings. <i>Communications in Algebra</i> , 2011, 39, 1646-1672.	0.6	96
5	On the Annihilator Graph of a Commutative Ring. <i>Communications in Algebra</i> , 2014, 42, 108-121.	0.6	78
6	ON 2-ABSORBING PRIMARY IDEALS IN COMMUTATIVE RINGS. <i>Bulletin of the Korean Mathematical Society</i> , 2014, 51, 1163-1173.	0.3	62
7	On abelian $\tilde{\epsilon}$ -regular rings. <i>Communications in Algebra</i> , 1997, 25, 1009-1021.	0.6	57
8	On divided commutative rings. <i>Communications in Algebra</i> , 1999, 27, 1465-1474.	0.6	53
9	On Nonnil-Noetherian Rings. <i>Communications in Algebra</i> , 2003, 31, 1669-1677.	0.6	42
10	THE GENERALIZED TOTAL GRAPH OF A COMMUTATIVE RING. <i>Journal of Algebra and Its Applications</i> , 2013, 12, 1250212.	0.4	42
11	On the Dot Product Graph of a Commutative Ring. <i>Communications in Algebra</i> , 2015, 43, 43-50.	0.6	41
12	ON THE TOTAL GRAPH OF A COMMUTATIVE RING WITHOUT THE ZERO ELEMENT. <i>Journal of Algebra and Its Applications</i> , 2012, 11, 1250074.	0.4	33
13	ON WEAKLY 2-ABSORBING PRIMARY IDEALS OF COMMUTATIVE RINGS. <i>Journal of the Korean Mathematical Society</i> , 2015, 52, 97-111.	0.4	30
14	POWERFUL IDEALS, STRONGLY PRIMARY IDEALS, ALMOST PSEUDO-VALUATION DOMAINS, AND CONDUCTIVE DOMAINS. <i>Communications in Algebra</i> , 2002, 30, 1591-1606.	0.6	29
15	Von Neumann Regular and Related Elements in Commutative Rings. <i>Algebra Colloquium</i> , 2012, 19, 1017-1040.	0.2	29
16	On domains which have prime ideals that are linearly ordered. <i>Communications in Algebra</i> , 1995, 23, 4365-4373.	0.6	26
17	On 1-absorbing primary ideals of commutative rings. <i>Journal of Algebra and Its Applications</i> , 2020, 19, 2050111.	0.4	23
18	On Pseudo-Almost Valuation Domains. <i>Communications in Algebra</i> , 2007, 35, 1167-1181.	0.6	18

#	ARTICLE	IF	CITATIONS
19	Generalizations of 2-absorbing primary ideals of commutative rings. Turkish Journal of Mathematics, 2016, 40, 703-717.	0.7	17
20	DIVISIBILITY CONDITIONS IN COMMUTATIVE RINGS WITH ZERODIVISORS. Communications in Algebra, 2002, 30, 4031-4047.	0.6	16
21	Factoring Nonnil Ideals into Prime and Invertible Ideals. Bulletin of the London Mathematical Society, 2005, 37, 665-672.	0.8	14
22	On weakly semiprime ideals of commutative rings. Beitrage Zur Algebra Und Geometrie, 2016, 57, 589-597.	0.5	13
23	On semicommutative Π -regular rings. Communications in Algebra, 1994, 22, 151-157.	0.6	12
24	On (m,n) -closed ideals of commutative rings. Journal of Algebra and Its Applications, 2017, 16, 1750013.	0.4	12
25	ON LOCALLY DIVIDED RINGS AND GOING-DOWN RINGS. Communications in Algebra, 2001, 29, 2805-2825.	0.6	10
26	On n -absorbing ideals and (m,n) -closed ideals in trivial ring extensions of commutative rings. Journal of Algebra and Its Applications, 2019, 18, 1950123.	0.4	10
27	The Zero-Divisor Graph of a Commutative Semigroup: A Survey. , 2017, , 23-39.		10
28	PSEUDO-VALUATION DOMAINS: A SURVEY. , 2002, , .		8
29	On the Total Graph of a Ring and Its Related Graphs: A Survey. , 2014, , 39-54.		7
30	Remarks on pseudo-valuation rings. Communications in Algebra, 2000, 28, 2343-2358.	0.6	6
31	n -Absorbing Ideals of Commutative Rings and Recent Progress on Three Conjectures: A Survey. , 2017, , 33-52.		5
32	On Weakly 1-Absorbing Primary Ideals of Commutative Rings. Algebra Colloquium, 2022, 29, 189-202.	0.2	5
33	On chained overrings of pseudo-valuation rings. Communications in Algebra, 2000, 28, 2359-2366.	0.6	4
34	On Weakly $\hat{\Gamma}$ -Semiprimary Ideals of Commutative Rings. Algebra Colloquium, 2018, 25, 387-398.	0.2	4
35	On weakly 2-absorbing $\hat{\Gamma}$ -primary ideals of commutative rings. Georgian Mathematical Journal, 2020, 27, 503-516.	0.6	4
36	A Characterization of Valuation Domains via m -Canonical Ideals. Communications in Algebra, 2004, 32, 4363-4374.	0.6	3

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37	ON LOCALLY DIVIDED RINGS AND GOING-DOWN RINGS. Communications in Algebra, 2001, 29, 2805-2825.	0.6	3
38	Recent results on the annihilator graph of a commutative ring: A survey. , 2017, , 170-184.		2
39	ON THE DOT PRODUCT GRAPH OF A COMMUTATIVE RING II. International Electronic Journal of Algebra, 0, , 61-74.	1.1	2
40	R^n Contains a Division Ring iff R Does. American Mathematical Monthly, 1993, 100, 679.	0.3	0
41	On n -semiprimary ideals and n -pseudo valuation domains. Communications in Algebra, 2021, 49, 500-520.	0.6	0
42	Matrix Algebra, Basics of. , 2018, , 1270-1279.		0
43	Ramsey numbers of partial order graphs (comparability graphs) and implications in ring theory. Open Mathematics, 2020, 18, 1645-1657.	1.0	0
44	The n -zero-divisor graph of a commutative semigroup. Communications in Algebra, 0, , 1-23.	0.6	0