

Tsiu-Kwen Lee

List of Publications by Year in descending order

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120
papers

1,323
citations

516710

16
h-index

434195

31
g-index

120
all docs

120
docs citations

120
times ranked

163
citing authors

#	ARTICLE	IF	CITATIONS
1	Generalized derivations of left faithful rings. Communications in Algebra, 1999, 27, 4057-4073.	0.6	257
2	Identities with a single skew derivation. Journal of Algebra, 2005, 288, 59-77.	0.7	97
3	Armendariz and Reduced Rings. Communications in Algebra, 2004, 32, 2287-2299.	0.6	68
4	MODULES WHICH ARE INVARIANT UNDER AUTOMORPHISMS OF THEIR INJECTIVE HULLS. Journal of Algebra and Its Applications, 2013, 12, 1250159.	0.4	63
5	Generalized skew derivations characterized by acting on zero products. Pacific Journal of Mathematics, 2004, 216, 293-301.	0.5	52
6	IDENTITIES WITH GENERALIZED DERIVATIONS. Communications in Algebra, 2001, 29, 4437-4450.	0.6	46
7	Derivations with Engel conditions on multilinear polynomials. Proceedings of the American Mathematical Society, 1996, 124, 2625-2629.	0.8	43
8	Semiprime Rings with Hypercentral Derivations. Canadian Mathematical Bulletin, 1995, 38, 445-449.	0.5	33
9	DERIVATIONS AND CENTRALIZING MAPPINGS IN PRIME RINGS. Taiwanese Journal of Mathematics, 1997, 1, 333.	0.4	31
10	Annihilators of power values of derivations in prime rings. Communications in Algebra, 1998, 26, 2091-2113.	0.6	28
11	$\langle i \rangle$ -GENERALIZED DERIVATIONS OF SEMIPRIME RINGS HAVING NILPOTENT VALUES. Journal of the Australian Mathematical Society, 2014, 96, 326-337.	0.4	27
12	Linear identities and commuting maps in rings with involution. Communications in Algebra, 1997, 25, 2881-2895.	0.6	22
13	When is every matrix over a division ring a sum of an idempotent and a nilpotent?. Linear Algebra and Its Applications, 2014, 450, 7-12.	0.9	22
14	A result on derivations. Proceedings of the American Mathematical Society, 1996, 124, 1687-1691.	0.8	21
15	JORDAN $*$ -DERIVATIONS OF PRIME RINGS. Journal of Algebra and Its Applications, 2014, 13, 1350126.	0.4	19
16	AN IDENTITY WITH GENERALIZED DERIVATIONS. Journal of Algebra and Its Applications, 2009, 08, 307-317.	0.4	18
17	Derivations modulo elementary operators. Journal of Algebra, 2011, 338, 56-70.	0.7	17
18	Nonadditive Strong Commutativity Preserving Maps. Communications in Algebra, 2012, 40, 2213-2218.	0.6	17

#	ARTICLE	IF	CITATIONS
19	Jordan derivations of prime rings with characteristic two. <i>Linear Algebra and Its Applications</i> , 2014, 462, 1-15.	0.9	15
20	The structure of Jordan $\hat{\alpha}$ -derivations of prime rings. <i>Linear and Multilinear Algebra</i> , 2015, 63, 411-422.	1.0	15
21	Bilinear forms on matrix algebras vanishing on zero products of xy and yx . <i>Linear Algebra and Its Applications</i> , 2014, 453, 110-124.	0.9	13
22	Algebraic q -skew derivations. <i>Journal of Algebra</i> , 2004, 282, 1-22.	0.7	12
23	Morphic rings and unit regular rings. <i>Journal of Pure and Applied Algebra</i> , 2007, 210, 501-510.	0.6	12
24	Jordan $\tilde{\alpha}$ -Derivations of Locally Matrix Rings. <i>Algebras and Representation Theory</i> , 2013, 16, 755-763.	0.7	12
25	A CLASS OF EXCHANGE RINGS. <i>Glasgow Mathematical Journal</i> , 2008, 50, 509-522.	0.3	11
26	Anti-automorphisms satisfying an Engel condition. <i>Communications in Algebra</i> , 2017, 45, 4030-4036.	0.6	11
27	ADDITIVE SUBGROUPS GENERATED BY POLYNOMIAL VALUES ON RIGHT IDEALS. <i>Communications in Algebra</i> , 2001, 29, 2977-2984.	0.6	9
28	A NOTE ON CERTAIN SUBGROUPS OF PRIME RINGS WITH DERIVATIONS. <i>Communications in Algebra</i> , 2002, 30, 3259-3265.	0.6	9
29	Semiprime Algebras with Finiteness Conditions. <i>Communications in Algebra</i> , 2003, 31, 1823-1835.	0.6	9
30	Nilpotent derivations. <i>Journal of Algebra</i> , 2005, 287, 381-401.	0.7	9
31	Spectrally bounded ϕ -derivations on Banach algebras. <i>Proceedings of the American Mathematical Society</i> , 2005, 133, 1427-1435.	0.8	9
32	The Skolem-Noether Theorem for Semiprime Rings Satisfying a Strict Identity. <i>Communications in Algebra</i> , 2007, 35, 1949-1955.	0.6	9
33	Jordan \ast -Derivations of Finite-Dimensional Semiprime Algebras. <i>Canadian Mathematical Bulletin</i> , 2014, 57, 51-60.	0.5	9
34	m -Power Commuting MAPS on Semiprime Rings. <i>Communications in Algebra</i> , 2014, 42, 1095-1110.	0.6	9
35	\tilde{f} -COMMUTING MAPPINGS IN SEMIPRIME RINGS. <i>Communications in Algebra</i> , 2001, 29, 2945-2951.	0.6	8
36	ON CERTAIN SUBGROUPS OF PRIME RINGS WITH AUTOMORPHISMS. <i>Communications in Algebra</i> , 2002, 30, 4997-5009.	0.6	8

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37	Regularity and morpic property of rings. Journal of Algebra, 2009, 322, 1072-1085.	0.7	8
38	On Modules Over Group Rings. Algebras and Representation Theory, 2014, 17, 87-102.	0.7	8
39	Right Centralizers of Semiprime Rings. Communications in Algebra, 2014, 42, 2923-2927.	0.6	8
40	Algebraic derivations with constants satisfying a polynomial identity. Israel Journal of Mathematics, 2003, 138, 43-60.	0.8	7
41	ALGEBRAS WITH A FINITE-DIMENSIONAL MAXIMAL SUBALGEBRA. Communications in Algebra, 2005, 33, 339-342.	0.6	7
42	Right ideals generated by an idempotent of finite rank. Linear Algebra and Its Applications, 2009, 431, 2118-2126.	0.9	7
43	Density of Polynomial Maps. Canadian Mathematical Bulletin, 2010, 53, 223-229.	0.5	7
44	Clean Index of Rings. Communications in Algebra, 2012, 40, 807-822.	0.6	7
45	Identities with Engel conditions on derivations. Monatshefte Fur Mathematik, 2012, 165, 543-556.	0.9	7
46	Functional identities and Jordan \mathcal{I}_f -derivations. Linear and Multilinear Algebra, 2016, 64, 221-234.	1.0	7
47	q-Skew Derivations and Polynomial Identities. Manuscripta Mathematica, 2005, 116, 229-243.	0.6	6
48	An Example of Bergman's and the Extension Problem for Clean Rings. Communications in Algebra, 2008, 36, 1413-1418.	0.6	6
49	Higher derivations of ore extensions. Israel Journal of Mathematics, 2010, 175, 157-178.	0.8	6
50	Bi-additive maps of \mathcal{I}_3 -Lie product type vanishing on zero products of XY and YX . Communications in Algebra, 2017, 45, 3449-3467.	0.6	6
51	A unified approach to the Armendariz property of polynomial rings and power series rings. Colloquium Mathematicum, 2008, 113, 151-168.	0.3	6
52	Linear Generalized Polynomials with Finiteness Conditions. Communications in Algebra, 2004, 32, 4535-4542.	0.6	5
53	Semiprime rings with prime ideals invariant under derivations. Journal of Algebra, 2006, 302, 305-312.	0.7	5
54	Derivations and Skew Polynomial Rings. Communications in Algebra, 2007, 35, 527-539.	0.6	5

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55	Ore extensions which are GPI-rings. <i>Manuscripta Mathematica</i> , 2007, 124, 45-58.	0.6	5
56	Additive maps having a generalized derivation expansion. <i>Journal of Algebra and Its Applications</i> , 2015, 14, 1550048.	0.4	5
57	Commuting anti-homomorphisms. <i>Communications in Algebra</i> , 2018, 46, 1060-1065.	0.6	5
58	Centralizers and Jordan triple derivations of semiprime rings. <i>Communications in Algebra</i> , 2019, 47, 236-251.	0.6	5
59	Partially defined \tilde{f} -derivations on semisimple Banach algebras. <i>Studia Mathematica</i> , 2009, 190, 193-202.	0.7	5
60	Constants of Algebraic Derivations in Prime Rings. <i>Communications in Algebra</i> , 2008, 36, 3478-3495.	0.6	4
61	Finiteness properties of differential polynomials. <i>Linear Algebra and Its Applications</i> , 2009, 430, 2030-2041.	0.9	4
62	A characterization of von Neumann regular rings and applications. <i>Linear Algebra and Its Applications</i> , 2010, 433, 1536-1540.	0.9	4
63	Faithful-Free Algebras. <i>Communications in Algebra</i> , 2013, 41, 638-647.	0.6	4
64	Decompositions of Quotient Rings and m -Power Commuting Maps. <i>Communications in Algebra</i> , 2013, 41, 1865-1871.	0.6	4
65	Jordan \tilde{f} -derivations of Prime Rings. <i>Communications in Algebra</i> , 2015, 43, 5195-5204.	0.6	4
66	Linear identities and derivations. <i>Communications in Algebra</i> , 2000, 28, 3317-3327.	0.6	3
67	Group Identities and Prime Rings Generated by Units. <i>Communications in Algebra</i> , 2003, 31, 3305-3309.	0.6	3
68	On irreducible and transitive subalgebras in matrix algebras. <i>Linear and Multilinear Algebra</i> , 2009, 57, 659-672.	1.0	3
69	Certain additive maps on m -power closed Lie ideals. <i>Monatshefte Fur Mathematik</i> , 2011, 164, 287-298.	0.9	3
70	A Note on Constants of Integral Derivations in Semiprime Rings. <i>Communications in Algebra</i> , 2013, 41, 792-796.	0.6	3
71	Rings of Clean Index 4 and Applications. <i>Communications in Algebra</i> , 2013, 41, 238-259.	0.6	3
72	Ad-nilpotent Elements of Semiprime Rings with Involution. <i>Canadian Mathematical Bulletin</i> , 2018, 61, 318-327.	0.5	3

#	ARTICLE	IF	CITATIONS
73	The dual Schröder-Bernstein problem for modules. <i>Communications in Algebra</i> , 2020, 48, 3904-3915.	0.6	3
74	σ -COMMUTING MAPPINGS IN SEMIPRIME RINGS. <i>Communications in Algebra</i> , 2001, 29, 2945-2951.	0.6	3
75	On lifting of idempotents and semiregular endomorphism rings. <i>Colloquium Mathematicum</i> , 2011, 125, 99-113.	0.3	3
76	Derivations with values satisfying a right or left S2 σ -polynomial. <i>Communications in Algebra</i> , 1997, 25, 1747-1765.	0.6	2
77	Note on derivations of semiprime rings. <i>Communications in Algebra</i> , 2000, 28, 4819-4828.	0.6	2
78	FINITE PRODUCTS OF DERIVATIONS IN PRIME RINGS. <i>Communications in Algebra</i> , 2002, 30, 2183-2190.	0.6	2
79	LEFT ANNIHILATORS CHARACTERIZED BY DIFFERENTIAL IDENTITIES. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2004, 47, 411-419.	0.3	2
80	Nilpotency of σ -Skew Derivations. <i>Communications in Algebra</i> , 2006, 34, 661-669.	0.6	2
81	Minimal polynomials of algebraic derivations and automorphisms. <i>Linear Algebra and Its Applications</i> , 2007, 423, 339-350.	0.9	2
82	A Theorem on Unit-Regular Rings. <i>Canadian Mathematical Bulletin</i> , 2010, 53, 321-326.	0.5	2
83	Lengths of central linear generalized polynomials in matrix algebras. <i>Linear Algebra and Its Applications</i> , 2011, 435, 3206-3211.	0.9	2
84	An intermediate ring between a polynomial ring and a power series ring. <i>Colloquium Mathematicum</i> , 2013, 130, 1-17.	0.3	2
85	Feebly Baer Rings and Modules. <i>Communications in Algebra</i> , 2014, 42, 4281-4295.	0.6	2
86	The images of polynomials of derivations. <i>Communications in Algebra</i> , 2017, 45, 4550-4556.	0.6	2
87	Certain basic functional identities of semiprime rings. <i>Communications in Algebra</i> , 2019, 47, 17-29.	0.6	2
88	A note on Lie ideals of prime rings. <i>Journal of Algebra and Its Applications</i> , 2019, 18, 1950045.	0.4	2
89	A note on inner and reflexive inverses in semiprime rings. <i>Journal of Algebra and Its Applications</i> , 2020, 19, 2050197.	0.4	2
90	Outer inverses, minus partial orders, and triplet invariance. <i>Publicationes Mathematicae</i> , 2021, 98, 201-218.	0.2	2

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91	On higher commutators of rings. <i>Journal of Algebra and Its Applications</i> , 2022, 21, .	0.4	2
92	A note on the right-left symmetry of $aR \hat{=} bR = (a + b)R$ in rings. <i>Journal of Algebra and Its Applications</i> , 2022, 21, .	0.4	2
93	ADDITIVE SUBGROUPS GENERATED BY POLYNOMIAL VALUES ON RIGHT IDEALS. <i>Communications in Algebra</i> , 2001, 29, 2977-2984.	0.6	2
94	Additive subgroups generated by noncommutative polynomials. <i>Monatshefte Fur Mathematik</i> , 2022, 199, 149-165.	0.9	2
95	A note on utumi quotient rings. <i>Communications in Algebra</i> , 2000, 28, 4089-4103.	0.6	1
96	PRIME RINGS WITH FINITENESS PROPERTIES ON ONE-SIDED IDEALS. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2002, 45, 507-511.	0.3	1
97	The kernel and range inclusions of integral derivations in semiprime rings. <i>Journal of Algebra</i> , 2008, 320, 2643-2658.	0.7	1
98	Algebraic prime subalgebras in simple Artinian algebras. <i>Linear Algebra and Its Applications</i> , 2008, 428, 881-889.	0.9	1
99	Prime radicals of constants of algebraic derivations. <i>Monatshefte Fur Mathematik</i> , 2010, 160, 31-40.	0.9	1
100	SUBSTRUCTURES OF HOM. <i>Journal of Algebra and Its Applications</i> , 2011, 10, 119-127.	0.4	1
101	Invariant polynomials of Ore extensions by σ -skew derivations. <i>Proceedings of the American Mathematical Society</i> , 2012, 140, 3739-3747.	0.8	1
102	Algebraic skew derivations. <i>Journal of Algebra</i> , 2012, 353, 174-186.	0.7	1
103	The Double Centralizer Theorem for Semiprime Algebras. <i>Algebras and Representation Theory</i> , 2014, 17, 1277-1288.	0.7	1
104	A short proof of the Wedderburn-Artin theorem. <i>Communications in Algebra</i> , 2017, 45, 2978-2979.	0.6	1
105	Jordan σ -derivations of prime rings. <i>Rocky Mountain Journal of Mathematics</i> , 2017, 47, .	0.4	1
106	A basic functional identity with applications to Jordan σ -biderivations. <i>Communications in Algebra</i> , 2017, 45, 1741-1756.	0.6	1
107	On Litoff's theorem. <i>Communications in Algebra</i> , 2017, 45, 2967-2968.	0.6	1
108	Anti-endomorphisms and endomorphisms satisfying an Engel condition. <i>Communications in Algebra</i> , 2019, 47, 3950-3957.	0.6	1

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109	Inclusion properties of generalized inverses in semiprime rings. <i>Journal of Algebra and Its Applications</i> , 2021, 20, 2150057.	0.4	1
110	On n-generalized commutators and Lie ideals of rings. <i>Journal of Algebra and Its Applications</i> , 0, , 2250221.	0.4	1
111	TRIPLET INVARIANCE AND PARALLEL SUMS. <i>Bulletin of the Australian Mathematical Society</i> , 2021, 104, 118-126.	0.5	1
112	Characterization of higher commutators. <i>Journal of Algebra</i> , 2022, 600, 222-236.	0.7	1
113	Projections and power reduction property for generalized identities of symmetric elements. <i>Communications in Algebra</i> , 1999, 27, 2521-2545.	0.6	0
114	Derivations and right ideals of algebras. <i>Linear Algebra and Its Applications</i> , 2010, 432, 2773-2781.	0.9	0
115	UNIQUELY MORPHIC RINGS. <i>Journal of Algebra and Its Applications</i> , 2010, 09, 267-274.	0.4	0
116	QUASI MULTIPLICATION AND -GROUPS. <i>Journal of the Australian Mathematical Society</i> , 2013, 94, 257-267.	0.4	0
117	Sesquilinear functionals on matrix algebras with involution. <i>Linear and Multilinear Algebra</i> , 2015, 63, 1283-1293.	1.0	0
118	Minimal prime ideals of reduced rings. <i>Communications in Algebra</i> , 2018, 46, 3436-3441.	0.6	0
119	On Asano's theorem. <i>Journal of Algebra and Its Applications</i> , 2019, 18, 1950181.	0.4	0
120	Unit-regularity of elements in rings. <i>Journal of Algebra and Its Applications</i> , 0, , .	0.4	0