Claus Michael Ringel

List of Publications (31.01.2013)

[1] Eine Charakterisierung der Homotopiekategorie der CW-Komplexe. Math. Z. 115 (1970), 359–365.
[2] Diagonalisierungspaare I, Math. Z. 117 (1970), 249–266.
[3] Diagonalisierungspaare II, Math. Z. 122 (1971), 10–25.
[4] Faserungen und Homotopie in Kategorien. Math. Ann. 190 (1971), 215–230.
[5] Monofunctors as reflectors. Trans. Amer. Math. Soc. 161 (1971), 293–306.
[6] (with V. Dlab) Anneaux balancés. C.R. Acad. Sc. Paris A 272, (1971), 1555–1558.
[7] The intersection property of amalgamations. J. Pure Appl. Algebra 2 (1972), 341–342.
[8] (with H. Herrlich) Identities in categories. Can. Math. Bull. 15 (1972), 297–299.
[9] (with V. Dlab) Rings with the double centralizer property. J. Algebra 22 (1972), 480–501.
[10] (with V. Dlab) A class of balanced non-uniserial rings (A conterexample to a conjecture of Jans). Math. Ann. 195 (1972), 279–291.
[11] (with V. Dlab) Balanced local rings with commutative residue fields. Bull. Amer. Math. Soc. 78 (1972), 771–774.
[12] (with V. Dlab) Balanced rings. In: Lectures on Rings and Modules. Springer LNM 246 (1972), 73–143.
[13] (with V. Dlab) Decomposition of modules over right uniserial rings. Math. Z. 129 (1972), 207–230.
[14] (with V. Dlab) The structure of balanced rings. Proc. London Math. Soc. (3) 26 (1973), 446–462.
[15] (with V. Dlab) Exceptional rings. Coll. Math. Soc. J. Bolyai 6. Rings, Modules and Radicals. Keszthely (Hungary) 1971, (1973), 167–171.
[16] (with V. Dlab) A construction of rings whose injective hull is a ring. Austr. J. Math. 16 (1973), 7–13.
[17] Socle conditions for QF-1 rings. Pacific J. Math. 44 (1973), 309–336.
[18] QF-1 rings of global dimension ≤ 2. Canad. J. Math. 25 (1973), 345–352.
[19] (with V. Dlab) Représentations indecomposables des algèbres. C.R. Acad. Sc. Paris A 276 (1973), 1393–1396.
[20] (with V. Dlab) Sur la conjecture de Brauer-Thrall, C.R. Acad. Sc. Paris A 276 (1973), 1441–1442.
[21] H. Tachikawa: Quasi-Frobenius Rings and Generalizations. Lectures on QF-1 and QF-3 rings. Lecture Notes in Mathematics 351 (1973). Notes by C. M. Ringel
[22] Commutative QF-1 rings. Proc. Amer. Math. Soc. 42 (1974), 365–368.
[23] (with H. Tachikawa) QF-3 rings. J. Reine Angew. Math. 272 (1975), 49–72.
[24] (with V. Dlab) On algebras of finite representation type. J. Algebra 33 (1975), 306–394.
[25] (with V. Dlab) Représentations des graphes valués. C.R. Acad. Sc. Paris A 278 (1975), 537–540.
[26] Unions of chains of indecomposable modules. Comm. Algebra 3 (1975), 1121–1144.
[27] The indecomposable representations of the dihedral 2-groups. Math. Ann. 214 (1975), 19–34.
[28] The representation type of local algebras. Proc. ICRA 1974. Springer LNM 488 (1975), 282–305.
[29] (with V. Dlab) Indecomposable representations of graphs and algebras. Mem. Amer. Math. Soc. 173 (1976).
[30] Representations of K-species and bimodules. J. Algebra 41 (1976), 269–302.
[31] (with S. Brenner) Pathological modules over tame rings. J. London Math. Soc. 14 (1976), 207–215.
[32] (with V. Dlab) Normal forms of real matrices with respect to complex similarity. Linear Alg. and Appl. 17 (1977), 107–124.
[33] (with V. Dlab) Real subspaces of a quaternion vector space. Canad. J. Math 30 (1978), 1228–1242.
[34] (with S. Jøndrup) Remarks on a paper by Skornjakov concerning rings for which every module is a direct sum of left ideals. Archiv5Math. 31 (1978), 329–331.
[35] (with V. Dlab) The representations of tame hereditary algebras. Proc. Philadelphia Conf. 1976. Marcel Dekker (1978), 329–353.
[36] Finite-dimensional hereditary algebras of wild representation type. Math. Z. 161 (1978), 235–255.
[37] (with V. Dlab) A module theoretic interpretation of properties of the root systems. Proc. Conf. Ring Theory Antwerp 1978. Marcel Dekker Lecture Notes Pure Appl. Math 51 (1979), 435–451.
[38] Infinite dimensional representations of finite dimensional hereditary algebras. Symposia Math. 23 (1979), 321–412.
[39] The spectrum of a finite dimensional algebra. Proc. Conf. Ring Theory Antwerp 1978. Marcel Dekker Lecture Notes Pure Appl. Math 51 (1979), 535–797.

[40] (with K.W. Roggenkamp) Indecomposable representations of orders and Dynkin diagrams. C.R. Acad. Sci. Canada 1 (1979), 91–94.
[41] (with K.W. Roggenkamp) Diagrammatic methods in the representation theory of orders. J. Algebra 60 (1979), 11–41.
[42] (with K.W. Roggenkamp) Socle determined categories of representations of artinian hereditary algebras. J. Algebra 64 (1980), 249–269.
[43] (with V. Dlab) A remark on normal forms of matrices. Linear Alg. and Appl. 30 (1980), 109–114.
[44] (with V. Dlab) Perfect elements in the free modular lattices. Math. Ann. 247 (1980), 95–100.
[45] (with V. Dlab) The preprojective algebra of a modulated graph. Proceedings ICRA 2. Springer LNM 832 (1980), 216–231.
[46] (with P. Dowbor, D. Simson) Hereditary artinian rings of finite representation type. Proceedings ICRA 2. Springer LNM 832 (1980), 232–241.
[47] (with D. Happel, U. Preiser) Vinberg's characterization of Dynkin diagrams using subadditive functions with application to DTr-periodic modules. Proc. ICRA 2. Springer LNM 932 (1980), 280–294.
[48] (with D. Happel, U. Preiser) Binary polyhedral groups and Euclidean diagrams. Manuscripta math. 31 (1980), 317–329.
[49] Reflection functors for hereditary algebras. J. London Math. Soc. (2) 21 (1980), 465–479.
[50] The rational invariants of tame quivers. Invent. Math. 58 (1980), 217–239.
[51] Report on the Brauer-Thrall conjectures. Proceedings ICRA 2. Springer LNM 831 (1980), 104–136.
[52] Tame algebras. Proceedings ICRA 2. Springer LNM 831 (1980), 137–287.
[53] (with V. Dlab) Eigenvalues of Coxeter transformations and the Gelfand-Kirillov-dimension of preprojective algebras. Proc. Amer. Math. Soc. 83 (1981), 228–232.
[54] Kawada's theorem. Proceedings Oberwolfach Conf. Abelian Groups. Springer LNM 874 (1981), 431–446.
[55] (with D. Happel) Construction of tilted algebras. Proceedings ICRA 3. Springer LNM 903 (1981), 125–167.
[56] (with K. Bongartz) Representation-finite tree algebras. Proceedings ICRA 3. Springer LNM 903 (1981), 39–54.
[57] Four papers on linear algebras. Introduction to: Representation theory. Selected papers by I.M. Gelfand et al. London Math. Soc. LN Series 69 (1982), 141–156.
[58] (with D. Happel) Tilted algebras. Trans. Amer. Math. Soc. 274 (1982), 399–443.
[59] Unzerlegbare Darstellungen endlich-dimensionaler Algebren. Jber. d. Dt. Math. Verein. 85 (1983), 86–105.
[60] Bricks in hereditary length categories. Resultate der Math. 6 (1983), 64–70.
[61] Separating tubular series. Sem. Malliavin. Springer LNM 1029 (1983), 134–158.
[62] (with G. d'Este) Coherent tubes. J. Algebra 87 (1984), 150–201.
[63] Tame algebras and integral quadratic forms. Springer LNM 1099 (1984).
[64] Indecomposable representations of finite dimensional algebras. Proceedings International Conference of Mathematicians, Warszawa 1983. 5(1984), 425–436.
[65] (with V. Dlab) A class of bounded hereditary noetherian domains. J. Algebra 92 (1985), 311–321.
[66] (with D. Happel) The derived category of a tubular algebra. Proceedings ICRA 4. Springer LNM 1177 (1986), 156–180.
[67] Representation theory of finite dimensional algebras. Durham Lectures 1985. London Math. Soc. Lecture Note Series 116 (1986), 7–79.
[68] (with D. Vossieck) Hammocks. Proc. London Math. Soc. (3) 54 (1987), 216–246.
[69] (with M.C.R. Butler) Auslander-Reiten sequences with few middle terms, with applications to string algebras. Comm. Algebra 15 (1987), 145–179.
[70] The regular components of the Auslander-Reiten quiver of a tilted algebra. Chinese Ann. Math. B. 9 (1988), 1–18.
[71] (with E. Marmolejo) Modules of bounded length in Auslander-Reiten components. Archiv Math. 50 (1988), 128–133.
[72] (with V. Dlab) On modular representations of A_4. J. Algebra 123 (1989), 506–522.
[73] (with V. Dlab) Quasi-hereditary algebras. Illinois J. 33 (1989), 280–291.
[74] (with V. Dlab) Auslander algebras as quasi-hereditary algebras. J. London Math. Soc. 39 (1989), 457–466.
[75] (with V. Dlab) Every semiprimary ring is the endomorphism ring of a projective module over a quasi-hereditary ring. Proc. Amer. Math. Soc. 107 (1989), 1–5.

[76] (with V. Dlab) A construction for quasi-hereditary algebras. Compositio Math. 70 (1989), 155–175.
[77] (with V. Dlab) Filtrations of right ideals related to projectivity of left ideals. In: Sem. Malliavin. Springer LNM. 1404 (1989), 95–107.
[78] (with V. Dlab) The dimension of a quasi-hereditary algebra. In: Topics in Algebra. Banach Center Publ. 26. (1990).
[79] (with V. Dlab) The Hochschild cocycle corresponding to a long exact sequence. Tsukuba J. Math. 14 (1990), 489–496.
[80] The canonical algebras. (With an appendix by W. Crawley-Boevey). In: Topics in Algebra. Banach Center Publ. 26. (1990), 407–432.
[81] Hall algebras. In: Topics in Algebra. Banach Center Publ. 26. (1990), 433–447.
[82] Hall polynomials for the representation-finite hereditary algebras. Adv. Math. 84 (1990), 137–178
[83] Hall algebras and quantum groups. Inventiones math. 101 (1990), 583–592.
[84] (with V. Dlab) Towers of semi-simple algebras. J. Funct. Analysis 102 (1991), 35–46
[85] The category of modules with good filtrations over a quasi-hereditary algebra has almost split sequences. Math. Z. 208 (1991), 209–223.
[86] (ed. with G. Michler) Representation Theory of Finite Groups and Finite-Dimensional Algebras. Progress in Mathematics 95 (1991), 520 pages.
[87] Recent advances in the representation theory of finite dimensional algebras. In: Progress in Math. 95 (1991), 141–192.
[88] From representations of quivers via Hall and Loewy algebras to quantum groups. Proceedings Novosibirsk Conference 1989. Contemporary Mathematics 131 (Part 2) (1992), 381–401
[89] The category of good modules over a quasi-hereditary algebra. Accepted for publication by the editors of the Proceedings of the Tsububa International Conference 1990. (See: Carleton-Ottawa Lect. Note Ser. 14, Exp. 30, 1992).
[90] On contravariantly finite subcategories. Accepted for publication by the editors of the Proceedings of the Tsububa International Conference 1990. (See: Carleton-Ottawa Lect. Note Ser. 14, Exp. 29, 1992).
[91] (with V. Dlab) The module theoretical approach to quasi-hereditary algebras. In: Representations of Algebras and Related Topics (ed. H. Tachikawa and S. Brenner). London Math. Soc. Lecture Note Series 168. Cambridge University Press (1992), 200–224
[92] Lie algebras (arising in representation theory). In: Representations of Algebras and Related Topics (ed. H. Tachikawa and S. Brenner). London Math. Soc. Lecture Note Series 168. Cambridge University Press (1992), 284–291.
[93] (with W. Crawley-Boevey and D. Happel) A bypass of an arrow is sectional. Archiv der Math. 58 (1992), 525–528.
[94] The use of the representation theory of finite-dimensional hereditary algebras. In: Proceedings First China-Japan International Symposium on Ring Theory. Okayama (1992), 121–126.
[95] (with W. Crawley-Boevey) Algebras whose Auslander-Reiten quivers have large regular components. J. Algebra 153 (1992), 494–516. 1991
[96] The composition algebra of a cyclic quiver. Towards an explicit description of the quantum group of type $\tilde{A}_n$. Proceedings London Math. Soc. (3) 66 (1993), 507–537.
[97] Hall algebras revisited. Israel Mathematica Conference Proceedings 7 (1993), 171–176.
[98] (with D. Happel) Directing projective modules. Archiv der Math. 60 (1993), 237–246.
[99] The spectral radius of the Coxeter transformations for a generalized Cartan matrix. Math.Annalen 300 (1994), 331–339.
[100] The braid group action on the set of exceptional sequences of a hereditary algebra. In: Abelian Group Theory and Related Topics. Contemp. Math. 171 (1994), 339–352.
[101] Some algebraically compact modules I. In: Abelian Groups and Modules (ed. A. Facchini and C. Menini). Kluwer (1995), 419–439.
[102] The Hall algebra approach to quantum groups. Proceedings E.L.A.M., Guanajuato 1993. Aportaciones Matemticas Comunicaciones 15 (1995), 85–114.
[103] PBW-bases of quantum groups. Journal Reine Angew. Math. 470 (1996), 51–88.
[104] (with I. Ágoston and E. Lukács) Frobenius functions on translation quivers. In: Representation Theory of Algebras. CMS Conference Proceedings 18. Providence (1996), 17–37.

[105] Cones. In: Representation Theory of Algebras. CMS Conference Proceedings 18. Providence (1996), 583–586.

[106] The Liu-Schulz example. In: Representation Theory of Algebras. CMS Conference Proceedings 18. Providence (1996), 587–600.

[107] Maurice Auslander and the representation theory of artin algebras. In: Representation Theory of Algebras. CMS Conference Proceedings 18. Providence (1996), 4–12.

[108] Green's Theorem on Hall algebras. In: Representation Theory of Algebras and Related Topics. CMS Conference Proceedings 19. Providence (1996), 185–245.

[109] Exceptional objects in hereditary categories. Proceedings Constantza Conference. An. St. Univ. Ovidius Constantza 4 (1996), f. 2, 150–158.

[110] Quantum Serre relations. Proc. Reims Conference. Séminaire et Congrês 2, Soc. Math. France. (1997) 137–148.

[111] The development of the representation theory of finite dimensional algebras. 1968 – 1975. In: Representation Theory and Algebraic Geometry. Ed. A. Martsinkovsky, G. Todorov. London Math. Soc. Lecture Note Series 238. Cambridge University Press, Cambridge 1997, 89–115.

[112] A construction of endofinite modules. Advances in Algebra and Model Theory. Gordon-Breach. (ed. M. Droste, R. Göbel). London (1997), 387–399

[113] The repetitive algebra of a gentle algebra. Bol. Soc. Mat. Mexicana (3) 3 (1997), 235–253.

[114] Exceptional modules are tree modules. Lin. Alg. Appl. 275–276 (1998) 471–493.

[115] The Ziegler spectrum of a tame hereditary algebra. Coll. Math. 76 (1998), 105–115.

[116] The preprojective algebra of a quiver. In: Algebras and Modules II. Can. Math. Soc. Conference Proceedings. 24 (1998), 467–480.

[117] (with I. Ágoston and E. Lukács) Realization of Frobenius functions. J. Algebra 210 (1998), 419–439.

[118] The preprojective algebra of a tame quiver: The irreducible components of the module varieties. In: Trends in the Representation Theory of Finite Dimensional Algebras (ed. E.Green, B. Huisgen-Zimmermann). Contemporary Math. 229. Providence, RI (1998), 293–306

[119] (with Th. Brüstle, L. Hille, G. Röhrle) The Delta-filtered modules without self-extensions for the Auslander algebra of $k[T]/\langle T^n\rangle$. Algebras and Representation Theory. 2 (1999), 295–312.

[120] (ed. with P. Dräxler, G. O. Michler) Computational Methods for Representations of Groups and Algebras. Progress in Mathematics. 1999. 357+14 pages.

[121] Tame algebras are Wild. Algebra Colloquium 6 (1999), 473–480.

[122] The multisegment duality and the preprojective algebras of type A. Algebra Montpellier Announcements. 1.1 (1999) (6 pages).

[123] (ed. with H. Krause) Infinite Length Modules. Trends in Mathematics. Birkhäuser Verlag (2000).

[124] Infinite length modules. Some examples as introduction. In: Infinite length modules. Trends in Mathematics. Birkhäuser Verlag (2000), 1–73.

[125] The representation type of the full transformation semigroups. Semigroup Forum 61 (2000), 429–434.

[126] Algebra at the turn of the century. Southeast Asian Bulletin of Mathematics 25 (2001), 147–160. Chinese Translation in: Algebra in the 21. Century. Beijing (2002), 16–32.

[127] Krull-Remak Schmidt fails for artinian modules over local rings. Algebras and Representation Theory 4 (2001), 77–86.

[128] On generic modules for string algebras. Bol. Soc. Mat. Mexicana (3) 7 (2001), 85–97.

[129] Hereditary triangulated categories. To appear in Compositio Mathematica.

[130] Combinatorial Representation Theory: History and Future. In: Representations of Algebras. Vol. I (ed. D. Happel, Y. B. Zhang). BNU Press (2002), 122–144.

[131] A Ray Quiver Construction of Hereditary Abelian Categories with Serre Duality. In: Representations of Algebras. Vol. II (ed. D. Happel, Y. B. Zhang). BNU Press. (2002), 396–416.

[132] The Diamond Category of a Locally Discrete Ordered Set In: Representations of Algebras. Vol. II (ed. D. Happel, Y. B. Zhang). BNU Press. (2002), 387–395.

[133] (ed. with J. Drozd, D. Happel) Special Issue: Linear Algebra Methods in Representation Theory. Linear Algebra and Aplications 365 (2003), 467 pages.

[134] (ed. with V.Dlab) Representations of Finite Dimensional Algebras and Related Topics in Lie Theory and Geometry. Fields Institute Communications vol.40. Amer.Math.Soc.(2004), 479 pages.

[135] Algebraically Compact Modules Arising from Tubular Families. A Survey. Algebra Colloquium 11 (2004), 155–172.

[136] Free submodules of indecomposable modules. Archiv der Mathematik. 83 (2004), 17–22.

[137] Bautista and the Development of the Representation Theory of Artin Algebras. Proceedings XV Latinamerican Colloquium of Algebra. Contemporary Mathematics 376. Amer.Math.Soc.(2005), 89–103.

[138] The Gabriel-Roiter measure. Bull. Sci. math. 129 (2005), 726–748.

[139] (with I. Reiten) Infinite dimensional representations of canonical algebras. Canadian Journal of Mathematics 58 (2006), 180–224.

[140] (with M. Schmidmeier) Submodule categories of wild representation type. Journal for Pure and Applied Algebra 205 (2006), 412–422.

[141] Foundation of the Representation Theory of Artin Algebras, Using the Gabriel-Roiter Measure. In: Trends in Representation Theory of Algebras and Related Topics. (Workshop Queretaro, Mexico, 2004). Edited by de la Pena and Bautista. Contemporary Math. 406. Amer.Math.Soc. (2006), 105–135.

[142] (ed. with Fachini, Fuller, Santa-Clara). Algebras, Rings And Their Representations. Proceedings Of The International Conference on Algebras, Modules and Rings, Lisbon, Portugal 2003. World Scientific Publishing Company (2006). 371 pages.

[143] The theorem of Bo Chen and Hall polynomials. Nagoya Journal 183 (2006), 143–160.

[144] Some remarks concerning tilting modules and tilted algebras. Origin. Relevance. Future. (An appendix to the Handbook of Tilting Theory.) (ed. L. Angeleri Hügel, D. Happel, H. Krause), London Math. Soc. Lecture Note Series 332. Cambridge University Press (2007), 413–472.

[145] The ladder construction of Prüfer modules. Revista de la Union Matematica Argentina. (2007) 48/2, 47–65.

[146] (with Ph. Fahr) A partition formula for Fibonacci numbers. Journal of Integer Sequences 11 (2008), Article 08.1.4. Journal of Integer Sequences.

[147] (with M. Schmidmeier) The Auslander-Reiten Translation in Submodule Categories. Trans. Amer. Math. Soc. 360 (2008), 691–716.

[148] (with M. Schmidmeier) Invariant subspaces of nilpotent operators. I. Journal Reine Angew. Math. 2008, Nr. 614 (2008), 1–52.

[149] The self-injective cluster tilted algebras. Archiv der Mathematik. 91 (2008) 218–225.

[150] (with V.Dlab) The global dimension of the endomorphism ring of a generator-cogenerator for a hereditary artin algebra. Mathematical Reports of the Academy of Science of the Royal Society of Canada. 30 (2008), 89–96.

[151] The first Brauer-Thrall conjecture. In: Models, Modules and Abelian Groups. In Memory of A. L. S. Corner. Walter de Gruyter, Berlin (ed. B. Goldsmith, R. Göbel) (2008), 369–374.

[152] The relevance and the ubiquity of Prüfer modules. Proceedings of the 4th International Conference on Representation Theory (ed. Z. Lin, J. Wang). Contemporary Mathematics. Amer. Math. Soc. 478 (2009), 163–176

[153] Iyama's finiteness theorem via strongly quasi-hereditary algebras. Journal of Pure and Applied Algebra 214 (2010) 1687–1692.

[154] Gabriel-Roiter inclusions and Auslander-Reiten theory. Journal of Algebra 324 (2010) 3579–3590

[155] Cluster-concealed algebras. Advances in Mathematics. 226 (2011), 1513–1537

[156] The SL_3-module T(43) for p=3. An appendix to the paper: Decomposition of tensor products of modular irreducible representations for SL_3, by C. Bowman, S. R. Doty and S. Martin. International Electronic Journal of Algebra 9 (2011), 177–219

[157] Indecomposables live in all smaller lengths. Bull. London Math. Soc. (2011) 43(4), 655–660,

[158] The minimal representation-infinite algebras which are special biserial. In: Representations of Algebras and Related Topics, EMS Series of Congress Reports, European Math. Soc. Publ. House, Zürich (2011) (Ed. A. Skowronski and K. Yamagata), 501–560.

[159] On the representation dimension of artin algebras. Bulletin of the Institute of Mathematics, Academia Sinica, 7 (1) (2012), 33–70.

[160] (with Ph. Fahr) Categorification of the Fibonacci Numbers Using Representations of Quivers. Journal of Integer Sequences 15 (2012), Article 12.2.1

[161] Minimal infinite cogeneration-closed subcategories. Bull. Sci. math. 136 (2012), 820–830.

[162] Cluster-additive functions on stable translation quivers. J. Algebraic Combin. 36 (2012), no. 3, 475–500.

[163] (with Ph. Fahr) The Fibonacci partition triangles. Advances in Mathematics 230 (2012), 2513–2535
[164] (with B. Xiong) On radical square zero rings. Roiter memorial volume. Algebra and Discrete Mathematics (2012), no.4.
[165] Indecomposable representations of the Kronecker quivers. Proc. Amer. Math. Soc. 141 (2013), no. 1, 115–121.
[166] Morphisms determined by objects: The case of modules over artin algebras. To appear in Illinois Journal of Mathematics.
[167] Distinguished bases of exceptional modules. To appear in Proceedings of the Abel Conference, Balestrand 2011.
[168] The Gorenstein projective modules for the Nakayama algebras. I. To appear in J. Algebra.
[169] The Auslander bijections: How morphism are determined by modules. To appear in Bulletin of Mathematical Sciences.

Some Reviews

[1] On: G. Lusztig: Introduction to Quantum Groups. Zeitschrift für Analysis und ihre Anwendungen 13 (1994), 756–760.
[2] On: P. Gabriel, A.V.Roiter: Representations of Finite-dimensional Algebras. (Encyclopaedia of Mathematical Sciences, vol. 73. ed. A. I. Kostrikin, I. R. Shafarevich: Algebra VIII) Jahresberichte der DMV 98 (1996), 29–34
[3] On: M. Auslander, I. Reiten, S.O. Smalø: Representation Theory of Artin algebras. Bulletin Amer. Math. Soc. 33 (1996), 509–517.
[4] On: G. Lusztig: Quiver Varieties. Featured Review. Math. Reviews 2000c:16016 (2000).

Further publications.

[1] Diskrete Methoden in der Darstellungstheorie. Bielefelder Universitätszeitung. (1992). (6 pages).
[2] (with B. Ringel) Das Innenleben eines Würfels. In: Mit Kindern auf dem Weg zur Mathematik. (ed. G. Krauthausen, P. Scherer), Auer Verlag Donauwörth, (2004). (9 pages).
[3] Preface (Liu Shao Xue — The development of the cooperation between China and the West, Concerning representation theory of finite-dimensional algebras). In: Collected Papers of Liu Shao Xue. BNU Press (2005). 1–18.
[4] (with B. Ringel) Sinuskurven überall: Zur Mathematik der Panorama-Fotografie. mathematica didactica 29 (2006) 2, 75–113.
[5] Whitehead's Theory of Extension in Process and Reality. In: Michel Weber and Will Desmond, (eds.), Handbook of Whiteheadian Process Thought. ontos verlag, Frankfurt / Lancaster (2008) Vol II, 133–158. Reprinted in: Analysis and Metaphysics, 7 (2008), 36–63.
[6] The Impossible. Some Puzzles. (In Chinese). In: Mathematics and Humanities. Shuxue Wuchu Buzai. Higher Education Press, Beijing and International Press, Somerville (2012), 40–58.