

## János Kollár

### Bibliography

1. The category of idempotent 2–unary algebras, containing a given subalgebra, Coll. Math. Soc. J. Bolyai, No. 29, Universal Algebra, Esztergom (Hungary)(1977), 483–493.
2. Automorphism groups of fields (with E. Fried), ibid, 293–303.
3. The category of unary algebras containing a given subalgebra,I-II, Acta, Math. Acad. Sci. Hung. 33 (1977), 407–417 and 35 (1980), 53–57.
4. Automorphism group of subalgebras, a concrete characterization, Acta. Sci. Math (Szeged) 40 (1978), 291–295.
5. Some subcategories of integral domains, J. Algebra 54 (1978), 329–331.
6. Automorphism groups of algebraic numberfields (with E. Fried), Math. Zeitschrift 163 (1978), 121–123.
7. Hamiltonian cubic graphs and centralizers of involutions (with L. Babai, P. Frankl, G. Sabidussi), Canad. J. Math. 3 (1979), 458–464.
8. Congruences and one–element subalgebras, Alg. Univ. 9 (1979), 266–267.
9. Interpolation property in semigroups, Semigroup Forum 17 (1979), 337–350.
10. Injectivity and congruence extension property in congruence distributive equational classes, Alg. Univ. 10 (1980), 21–26.
11. Algebraic curves (in Hungarian), Mat. Lapok 28 (1980), 153–198.
12. Mnogomernie mnogoobraziya Fano bolsogo indeksa (in Russian), Vestnik Moskovskogo Universiteta No. 3, (1981), 31–34.
13. Bohm–Aharonov effect in  $SU(n)$  gauge theory (with P. A. Horváthy), Proc. of Monopoles in Quantum Field Theory, Miramare, Trieste (1981), 277–278.
14. Riemann-Roch type inequalities (with T. Matsusaka), Amer. J. Math. 105 (1983), 229–252.

15. The moduli of curves is stably rational for  $g \leq 6$  (with F. -O. Schreyer), Duke Math. J. 51 (1984), 239–242.
16. The Cone Theorem: Note to a paper of Kawamata, Ann. of Math. 120 (1984), 1–5.
17. The non-Abelian Bohm–Aharonov effect in geometric quantisation (with P. A. Horváthy), Class. Quant. Grav. 1 (1984), 61–66.
18. Toward moduli of singular varieties, Comp. Math. 56 (1985), 369–398.
19. Higher direct images of dualizing sheaves I, Ann. of Math. 123 (1986), 11–42.
20. Higher direct images of dualizing sheaves II, Ann. of Math. 124 (1986), 171–202.
21. Subadditivity of Kodaira dimension: fibers of general type, Advanced Studies in Pure Math., 10(1987), Algebraic Geometry, Sendai, pp. 361–398.
22. Vanishing theorems for cohomology groups, Proc. Symp. Pure Math. 46(1987) Algebraic Geometry, Bowdoin, pp. 233–243.
23. The structure of algebraic threefolds — an introduction to Mori’s program, Bull. Amer. Math. Soc. 17(1987) 211–273.
24. Threefolds and deformations of surface singularities (with N. I. Shepherd–Barron), Inv. Math., 91(1988) 299–338.
25. Flops, Nagoya Math. Journal 113(1989), 15–36.
26. Sharp effective Nullstellensatz, J. Amer. Math. Soc. 1(1988), 963–975.
27. Higher Dimensional Complex Geometry (with H. Clemens and S. Mori) Astérisque, vol. 166, 1988.
28. Projectivity of Complete Moduli, J. Diff. Geom., 32(1990) 235–268.
29. Minimal Models of Algebraic Threefolds: Mori’s Program, Astérisque, 177–178 (1990), 303–326.
30. Extremal rays on smooth threefolds, Ann. Sci. ENS 24(1991), 339–361.
31. Flips, Flops, Minimal Models etc., Surveys in Diff. Geom. 1(1991), 113–199.

32. Flip and Flop, Proc. ICM, Kyoto 1990, (1991) 709–716.
33. A global Łojasiewicz inequality (with S. Ji and B. Shiffman) Trans. AMS 329 (1992) 813–818.
34. Cone theorems and cyclic covers, Alg. Geom. and Anal. Geom. (1991) 101–110.
35. Cone theorems and bug-eyed covers, J. Alg. Geom. 1(1992) 293–323.
36. Rational Curves on Fano Varieties (with Y. Miyaoka and S. Mori) Classification of Irreg. Var., SLN 1515, (1992) 134–139.
37. Trento Examples (with F. Catanese and B. v. Geemen) Classification of Irreg. Var., SLN 1515, (1992) 134–139.
38. Rationally Connected Varieties (with Y. Miyaoka and S. Mori) J. Alg. Geom. 1(1992) 429–448.
39. Rational Connectedness and Boundedness of Fano Manifolds (with Y. Miyaoka and S. Mori) J. Diff. Geom. 36(1992) 765–779.
40. Classification of three-dimensional flips (with S. Mori) J. AMS 5(1992) 533–703.
41. Mnogomernaya kompleksnaya geometriya (in Russian), Mir, 1993 (Russian translation of 23 and 27).
42. Flips and Abundance for Algebraic Threefolds, (with 14 co-authors), vol. 211, Astérisque, 1993.
43. Effective Base Point Freeness, Math. Ann. 296 (1993), 595–605.
44. Shafarevich maps and plurigenera of algebraic varieties, Inv. Math. 113 (1993), 177–215.
45. Log surfaces of general type, Contemp. Math 162 (1994) 261–275.
46. Nonrational hypersurfaces, Jour. AMS 8 (1995) 241-249
47. Shafarevich Maps and Automorphic Forms, Princeton Univ. Press (1995)
48. Rational Curves on Algebraic Varieties, Springer Verlag (1996) second corrected printing (1999)
49. Flatness criteria, J. Algebra 175 (1995) 715-727

50. Rationally connected homogeneous spaces, (with F. Bien and A. Borel)  
Inv. Math. 124 (1996) 103-127
51. Norm graphs and bipartite Turán numbers (with L. Rónyai and T. Szabó) Combinatorica 16 (1996) 399-406
52. Extremal bipartite graphs and superpolynomial lower bounds for monotone span programs (with L. Babai, A. Gál, L. Rónyai, T. Szabó and A. Wigderson) Proc. 28th Annual ACM Symp. on the Theory of Computing, ACM Press (1996) 603-611
53. Quotient spaces modulo algebraic groups, Ann. of Math. 145 (1997) 33-79
54. Low degree polynomial equations, European Congress of Math. Birkhäuser, (1998), 255-288
55. Polynomials with integral coefficients, equivalent to a given polynomial, ERA of AMS 3 (1997) 17-27
56. Birational geometry of algebraic varieties (with S. Mori), English edition: Cambridge Univ. Press, 1998; Japanese edition: Iwanami Shoten, (1998)
57. The Nash conjecture for algebraic threefolds, ERA of AMS 4 (1998) 63-73
58. Real algebraic threefolds I: terminal singularities, Collectanea Math. (FERRAN SERRANO, 1957-1997) 49 (1998) 335-360
59. Real algebraic threefolds II: minimal model program, Jour. AMS 12 (1999) 33-83
60. Real algebraic threefolds III: conic bundles, J. Math. Sci. (New York) 94 (1999) 996-1020
61. Real algebraic threefolds IV: Del Pezzo Fibrations,in: Complex analysis and algebraic geometry, de Gruyter, (2000) 317-346
62. Effective Nullstellensatz for arbitrary ideals, J. Eur. Math. Soc.1 (1999) 313-337
63. Rationally connected varieties over local fields, Annals of Math. 150 (1999) 357-367

64. An effective Lojasiewicz inequality for real polynomials, *Periodica Math. Hung.*, 38 (1999) 213-221
65. Nonrational covers of  $\mathbf{CP}^m \times \mathbf{CP}^n$ , in: *Explicit birational geometry of 3-folds*, A. Corti and M. Reid, eds. Cambridge Univ. Press, (2000) 51-71
66. Fundamental groups of rationally connected varieties, *Michigan Math. J.* 48 (2000) 359-368
67. Characterizations of  $\mathbb{P}^n$  in arbitrary characteristic (with Y. Kachi) *Asian J. Math.* 4 (2000) 115-122
68. Fixed points of group actions and rational maps (with E. Szabó) *Canad. J. Math.* 52 (2000) 1054-1056
69. Kähler-Einstein metrics on log del Pezzo surfaces in weighted projective 3-spaces (with J.M. Johnson) *Ann. Sci. Inst. Fourier* (to appear)
70. Fano hypersurfaces in weighted projective 4-spaces (with J. M. Johnson) *Experimental Math.* 10 (2001) 151-158
71. The topology of real and complex algebraic varieties. *Taniguchi Conference on Mathematics Nara '98*, 127–145, *Adv. Stud. Pure Math.*, 31, Math. Soc. Japan, Tokyo, 2001.
72. The topology of real algebraic varieties. *Current developments in mathematics, 2000*, 197–231, Int. Press, Somerville, MA, 2001.
73. Which are the simplest algebraic varieties? *Bull. Amer. Math. Soc. (N.S.)* 38 (2001), no. 4, 409–433
74. Unirationality of cubic hypersurfaces, *Jussieu Math. J.* 1 (2002) 467-476
75. The Nash conjecture for nonprojective threefolds. *Symposium in Honor of C. H. Clemens (Salt Lake City, UT, 2000)*, 137–152, *Contemp. Math.*, 312, Amer. Math. Soc., Providence, RI, 2002
76. Real abelian varieties with many line bundles. (with N. Joglar-Prieto) *Bull. London Math. Soc.* 35 (2003), no. 1, 79–84
77. Rational curves on varieties (with C. Araujo) in: *Higher dimensional varieties and rational points*, Bolyai Soc. Math. Stud. vol 12. 2003, pp.13-68

78. Rationally connected varieties and fundamental groups in: Higher dimensional varieties and rational points, Bolyai Soc. Math. Stud. vol 12. 2003, pp.69-92
79. Rationally connected varieties over finite fields (with E. Szabó) Duke Math. J. 120 (2003) 251–267
80. The Nash problem on arc families of singularities (with S. Ishii) Duke Math. J. 120 (2003) 601–620
81. The Picard group of singular curves (with E. Ballico) Abh. Math. Sem. Uni. Hamburg 73 (2003) 225-227
82. Rational and nearly rational varieties (with K.E. Smith and A. Corti) Cambridge Studies in Advanced Mathematics, 92. Cambridge University Press, Cambridge, 2004.
83. Specialization of zero cycles. Publ. Res. Inst. Math. Sci. 40 (2004) 689–708
84. Real Fano 3-folds of type  $V_{22}$  (with Schreyer, Frank-Olaf) The Fano Conference, 515–531, Univ. Torino, Turin, 2004.
85. Einstein metrics on spheres (with Boyer, Charles P.; Galicki, Krzysztof) Annals of Math. 162 (2005) 1–24
86. Einstein metrics on exotic spheres in dimensions 7, 11, and 15 (with Boyer, Charles P.; Galicki, Krzysztof; Thomas, Evan) Experiment. Math. 14 (2005), no. 1, 59–64.
87. Einstein metrics on five-dimensional Seifert bundles. J. Geom. Anal. 15 (2005), no. 3, 445–476.
88. Conics in the Grothendieck ring. Adv. Math. 198 (2005), no. 1, 27–35.
89. Circle actions on simply connected 5-manifolds. Topology 45 (2006), no. 3, 643–671.
90. Teruhisa Matsusaka (1926–2006). Notices Amer. Math. Soc. 53 (2006), no. 7, 766–768.
91. Non-quasi-projective moduli spaces. Ann. of Math. (2) 164 (2006), no. 3, 1077–1096.
92. Lectures on resolution of singularities, Princeton Univ. Press, 2007

93. What is ... a minimal model? *Notices Amer. Math. Soc.* 54 (2007), no. 3, 370–371.
94. Einstein metrics on connected sums of  $S^2 \times S^3$ . *J. Differential Geom.* 75 (2007), no. 2, 259–272
95. A conjecture of Ax and degenerations of Fano varieties. *Israel J. Math.* 162 (2007), 235–251.
96. Kodaira’s canonical bundle formula and adjunction. Flips for 3-folds and 4-folds, 134–162, Oxford Lecture Ser. Math. Appl., 35, Oxford Univ. Press, Oxford, 2007.
97. Algebraic varieties over PAC fields. *Israel J. Math.* 161 (2007), 89–101.
98. (with A. Ghigi) Kähler-Einstein metrics on orbifolds and Einstein metrics on spheres. *Comment. Math. Helv.* 82 (2007), no. 4, 877–902.
99. (with V. Balaji) Holonomy groups of stable vector bundles. *Publ. Res. Inst. Math. Sci.* 44 (2008), no. 2, 183–211.
100. Diophantine subsets of function fields of curves. *Algebra Number Theory* 2 (2008), no. 3, 299–311.
101. Is there a topological Bogomolov-Miyaoka-Yau inequality? *Pure Appl. Math. Q.* 4 (2008), no. 2, part 1, 203–236.
102. Looking for rational curves on cubic hypersurfaces. Notes by Ulrich Derenthal. NATO Sci. Peace Secur. Ser. D Inf. Commun. Secur., 16, Higher-dimensional geometry over finite fields, 92–122, IOS, Amsterdam, 2008.
103. Positive Sasakian structures on 5-manifolds. Riemannian topology and geometric structures on manifolds, 93–117, Progr. Math., 271, Birkhäuser Boston, Boston, MA, 2009.
104. (with F. Mangolte) Cremona transformations and diffeomorphisms of surfaces. *Adv. Math.* 222 (2009), no. 1, 44–61.
105. (with Larsen, Michael) Quotients of Calabi-Yau varieties. Algebra, arithmetic, and geometry: in honor of Yu. I. Manin. Vol. II, 179–211, Progr. Math., 270, Birkhäuser Boston, Inc., Boston, MA, 2009.
106. Birational rigidity of Fano varieties and field extensions. *Tr. Mat. Inst. Steklova* 264 (2009), Mnogomernaya Algebraicheskaya Geometriya, 103–108; translation in *Proc. Steklov Inst. Math.* 264 (2009), no. 1, 96–101

107. (with Corti, Alessio; Hacking, Paul; Lazarsfeld, Robert; Mustata, Mircea) Lectures on flips and minimal models. Analytic and algebraic geometry, 557–583, IAS/Park City Math. Ser., 17, Amer. Math. Soc., Providence, RI, 2010,
108. Exercises in the birational geometry of algebraic varieties. Analytic and algebraic geometry, 495–524, IAS/Park City Math. Ser., 17, Amer. Math. Soc., Providence, RI, 2010,
109. (with Kovács, Sándor J.) Log canonical singularities are Du Bois. J. Amer. Math. Soc. 23 (2010), no. 3, 791–813.
110. Holomorphic and pseudo-holomorphic curves on rationally connected varieties. Port. Math. 67 (2010), no. 2, 155–179,
111. (with Johnson, Jennifer M.) How small can a polynomial be near infinity? Amer. Math. Monthly 118 (2011), no. 1, 22–40,
112. (with Johnson, Jennifer M.) Duo xiang shi zai wu qiong yuan fu jin ke yi you duo xiao? Mathematical Advance in Translation, 30 (2011), 117–133 (Chinese translation of previous paper.)
113. A local version of the Kawamata-Viehweg vanishing theorem. Pure Appl. Math. Q. 7 (2011), no. 4, Special Issue: In memory of Eckart Viehweg, 1477–1494.
114. Simultaneous normalization and algebra husks. Asian J. Math. 15 (2011), no. 3, 437–449.
115. Two examples of surfaces with normal crossing singularities. Sci. China Math. 54 (2011), no. 8, 1707–1712.
116. (with Fernández de Bobadilla, Javier) Homotopically trivial deformations. J. Singul. 5 (2012), 85–93.
117. (with Pardon, John) Algebraic varieties with semialgebraic universal cover. J. Topol. 5 (2012), no. 1, 199–212.
118. Quotients by finite equivalence relations. With an appendix by Claudiu Raicu. Math. Sci. Res. Inst. Publ., 59, Current developments in algebraic geometry, 227–256, Cambridge Univ. Press, Cambridge, 2012.
119. (with Balaji, V.) Restrictions of stable bundles. Compact moduli spaces and vector bundles, 177–184, Contemp. Math., 564, Amer. Math. Soc., Providence, RI, 2012.

120. Continuous closure of sheaves. Michigan Math. J. 61 (2012), no. 3, 475–491.
121. (with Fefferman, Charles) Continuous solutions of linear equations. From Fourier analysis and number theory to radon transforms and geometry, 233–282, Dev. Math., 28, Springer, New York, 2013
122. Singularities of the minimal model program. With a collaboration of Sándor Kovács. Cambridge Tracts in Math., 200. Cambridge University Press, Cambridge, 2013. x+370 pp. ISBN: 978-1-107-03534-8
123. (with Johnson, Jennifer M.) Arc spaces of  $cA$ -type singularities. J. Singul. 7 (2013), 238–252. 14B05 (32S70)
124. (with B. Claudon and A. Höring) Algebraic varieties with quasi-projective universal cover. J. Reine Angew. Math. 679 (2013), 207–221.
125. Grothendieck-Lefschetz type theorems for the local Picard group. J. Ramanujan Math. Soc. 28A (2013), 267–285.
126. Links of complex analytic singularities. Surveys in differential geometry. Geometry and topology, 157–193, Surv. Differ. Geom., 18, Int. Press, Somerville, MA, 2013.
127. Moduli of varieties of general type. Handbook of moduli. Vol. II, 131–157, Adv. Lect. Math. (ALM), 25, Int. Press, Somerville, MA, 2013.
128. (with Dvir, Zeev and Lovett, Shachar) Variety Evasive Sets. Comput. Complexity 23 (2014), no. 4, 509–529.
129. Simple normal crossing varieties with prescribed dual complex. Algebr. Geom. 1 (2014), no. 1, 57–68.
130. (with Kapovich, Michael) Fundamental groups of links of isolated singularities. J. Amer. Math. Soc. 27 (2014), no. 4, 929–952.
131. Semi-normal log centres and deformations of pairs. Proc. Edinb. Math. Soc. (2) 57 (2014), no. 1, 191–199.
132. Is there a curse of the Fields medal? Notices of the Amer. Math. Soc. 62 (2015), no. 1, 21–25.
133. Dui Fields jiang you fei yi ma? Mathematical Advance in Translation, 34 (2015), 265–270. (Chinese translation of previous paper.)

- 134. Deformations of elliptic Calabi-Yau manifolds. Recent advances in algebraic geometry, 254–290, London Math. Soc. Lecture Note Ser., 417, Cambridge Univ. Press, Cambridge, 2015.
- 135. Examples of vanishing Gromov-Witten-Welschinger invariants. *J. Math. Sci. Univ. Tokyo* 22 (2015), no. 1, 261–278.
- 136. (with A. Némethi) Holomorphic arcs on singularities. *Invent. Math.* 200 (2015), no. 1, 97–147.
- 137. (with K. Nowak) Continuous rational functions on real and p-adic varieties. *Math. Z.* 279 (2015), no. 1-2, 85–97.
- 138. Szemerédi-Trotter-type theorems in dimension 3. *Adv. Math.* 271 (2015), 30–61.
- 139. Neighborhoods of subvarieties in homogeneous spaces. Hodge theory and classical algebraic geometry, 91–107, Contemp. Math., 647, Amer. Math. Soc., Providence, RI, 2015.
- 140. The Lefschetz property for families of curves. Rational points, rational curves, and entire holomorphic curves on projective varieties, 143–154, Contemp. Math., 654, Centre Rech. Math. Proc., Amer. Math. Soc., Providence, RI, 2015.
- 141. Maps between local Picard groups. *Algebr. Geom.* 3 (2016), no. 4, 461–495.
- 142. (with Xu, Chenyang) The dual complex of Calabi-Yau pairs. *Invent. Math.* 205 (2016), no. 3, 527–557.
- 143. (with Johnson, Jennifer M.) Arcology. *Amer. Math. Monthly* 123 (2016), no. 6, 519–541.
- 144. (with Fulger, Mihai; Lehmann, Brian) Volume and Hilbert function of R-divisors. *Michigan Math. J.* 65 (2016), no. 2, 371–387.
- 145. (with Mangolte, Frédéric) Approximating curves on real rational surfaces. *J. Algebraic Geom.* 25 (2016), no. 3, 549–570.
- 146. The mathematical works of Shigefumi Mori. Minimal models and extremal rays (Kyoto, 2011), 1–7, *Adv. Stud. Pure Math.*, 70, Math. Soc. Japan, [Tokyo], 2016.

147. Sources of log canonical centers. Minimal models and extremal rays (Kyoto, 2011), 29–48, Adv. Stud. Pure Math., 70, Math. Soc. Japan, [Tokyo], 2016.
148. Variants of normality for Noetherian schemes. Pure Appl. Math. Q. 12 (2016), no. 1, 1–31.
149. Nash’s work in algebraic geometry. Bull. Amer. Math. Soc. (N.S.) 54 (2017), no. 2, 307–324.
150. Nash de dai shu ji he gong zuo. Mathematical Advance in Translation, 37 (2018), 13–29. (Chinese translation of previous paper.)
151. (with Nicaise, Johannes; Xu, Chen Yang) Semi-stable extensions over 1-dimensional bases. Acta Math. Sin. (Engl. Ser.) 34 (2018), no. 1, 103–113.
152. (with de Fernex, Tommaso; Xu, Chenyang) The dual complex of singularities. Higher dimensional algebraic geometry—in honour of Professor Yujiro Kawamata’s sixtieth birthday, 103–129, Adv. Stud. Pure Math., 74, Math. Soc. Japan, Tokyo, 2017.
153. Conic bundles that are not birational to numerical Calabi-Yau pairs. Épjournal Géom. Algébrique 1 (2017), Art. 1, 14 pp.
154. Coherence of local and global hulls. Methods Appl. Anal. 24 (2017), no. 1, 63–70.
155. (with Mella, Massimiliano) Quadratic families of elliptic curves and unirationality of degree 1 conic bundles. Amer. J. Math. 139 (2017), no. 4, 915–936.
156. (with Némethi, András) Durfee’s conjecture on the signature of smoothings of surface singularities. With an appendix by Tommaso de Fernex. Ann. Sci. Ec. Norm. Supér. (4) 50 (2017), no. 3, 787–798.
157. Log-plurigenera in stable families of surfaces. Peking Math. J. 1 (2018), no. 1, 109–124.
158. Log-plurigenera in stable families. Peking Math. J. 1 (2018), no. 1, 81–107.
159. (with Laza, Radu; Saccà, Giulia; Voisin, Claire) Remarks on degenerations of hyper-Kähler manifolds. Ann. Inst. Fourier (Grenoble) 68 (2018), no. 7, 2837–2882.

- 160. Symmetric powers of Severi-Brauer varieties. *Ann. Fac. Sci. Toulouse Math.* (6) 27 (2018), no. 4, 849–862.
- 161. Quadratic solutions of quadratic forms. Local and global methods in algebraic geometry, 211–249, *Contemp. Math.*, 712, Amer. Math. Soc., [Providence], RI, (2018)
- 162. (with Kucharz, Wojciech; Kurdyka, Krzysztof) Curve-rational functions. *Math. Ann.* 370 (2018), no. 1–2, 39–69.
- 163. Birational geometry and moduli spaces. Emissary, MSRI, Spring, (2019), 1–12.
- 164. Algebraic hypersurfaces. *Bull. Amer. Math. Soc. (N.S.)* 56 (2019), no. 4, 543–568.
- 165. (with Altmann, Klaus) The dualizing sheaf on first-order deformations of toric surface singularities. *J. Reine Angew. Math.* 753 (2019), 137–158.
- 166. (with Ambro, Florin) Minimal models of semi-log-canonical pairs. *Moduli of K-stable varieties*, 1–13, Springer INdAM Ser., 31, Springer, Cham, 2019.
- 167. Partial resolution by toroidal blow-ups. *Tunis. J. Math.* 1 (2019), no. 1, 3–12.
- 168. Appendix in “Dense graphs have rigid parts” by Orit E. Raz and József Solymosi, 36th International Symposium on Computational Geometry, Art. No. 65, 13 pp., LIPIcs. Leibniz Int. Proc. Inform., 164, Schloss Dagstuhl. Leibniz-Zent. Inform., Wadern, 2020.
- 169. (with Kovács, Sándor J.) Deformations of log canonical and F-pure singularities. *Algebr. Geom.* 7 (2020), no. 6, 758–780.
- 170. (with Xu, Chen Yang) Moduli of polarized Calabi-Yau pairs. *Acta Math. Sin. (Engl. Ser.)* 36 (2020), no. 6, 631–637.
- 171. Pell surfaces. *Acta Math. Hungar.* 160 (2020), no. 2, 478–518.
- 172. (with Bochnak, Jacek; Kucharz, Wojciech) Checking real analyticity on surfaces. *J. Math. Pures Appl.* (9) 133 (2020), 167–171.
- 173. (with Cascini, Paolo; Ejiri, Sho; Zhang, Lei) Subadditivity of Kodaira dimension does not hold in positive characteristic. *Comment. Math. Helv.* 96 (2021), no. 3, 465–481.

174. Relative MMP without Q-factoriality. *Electron. Res. Arch.* 29 (2021), no. 5, 3193–3203.
175. Mumford’s influence on the moduli theory of algebraic varieties. *Pure Appl. Math. Q.* 17 (2021), no. 2, 619–647.

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