

PUBLICATIONS

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Expository articles

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- [4] Fano Varieties, in *Higher Dimensional Varieties and Rational Points, Budapest, 2001*, 93–132, K. Böröczky Jr., J. Kollár, and T. Szamuely editors, Bolyai Society Mathematical Studies **12**, Springer-Verlag, Berlin, 2003.
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- [6] Classes de cohomologie positives dans les variétés kählériennes compactes, Exposé 943, *Séminaire Bourbaki, 2004/05*, Astérisque **307** (2006), 199–227.
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- [8] Periods and moduli, in *Current Developments in Algebraic Geometry*, L. Caporaso, J. M^cKernan, M. Mustața, and M. Popa editors, MSRI Publications, 2010.
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- [10] Cohomological characterizations of the complex projective space, arXiv:1512.04321.
- [11] On the Geometry of Hypersurfaces of Low Degrees in the Projective Space in *Algebraic Geometry and Number Theory, Istanbul, 2014*, 55–90, H. Mourtada, C. G. Sarioğlu, C. Soulé, and A. Zeytin editors, Progress in Mathematics **321**, Springer, 2017.
- [12] Hyperkähler manifolds, with an appendix by E. Macrì, *Milan J. Math.* **90** (2022), 305–387.
- [13] with P. BERI.– On the Hodge and Betti numbers of hyper-Kähler manifolds, *Milan J. Math.* **90** (2022), 417–431.

Books

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- [1b] *Complex Tori and Abelian Varieties* (English translation of [1a]), SMF/AMS Texts and Monographs **11**, American Mathematical Society, 2005.
- [2] *Higher-Dimensional Algebraic Geometry*, Universitext, Springer Verlag, 2001.

Research articles

- [1] Inégalités numériques pour les surfaces de type général, *Bull. Soc. math. France* **110** (1982), 319–346.
- [2] Un contre-exemple au théorème de Torelli pour les variétés symplectiques irréductibles, *C. R. Acad. Sci. Paris* **299** (1984), 681–684.
- [3] Sur la démonstration de A. Weil du théorème de Torelli pour les courbes, *Compos. Math.* **58** (1986), 3–11.
- [4] with A. BEAUVILLE.– Une relation entre deux approches du problème de Schottky, *Invent. Math.* **86** (1986), 195–207.
- [5] Annulation de thêtaconstantes sur les variétés abéliennes de dimension quatre, *C. R. Acad. Sci. Paris* **305**, Série I (1987), 885–888.
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- [8] Sur les variétés de Prym des courbes tétragones, *Ann. Sc. École Norm. Sup.* **21** (1988), 545–559.
- [9] with A. BEAUVILLE, R. DONAGI, and G. VAN DER GEER.– Sur les fonctions thêta d’ordre deux et les singularités du diviseur thêta, *C. R. Acad. Sci. Paris* **307** (1988), 481–484.
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- [12] Le théorème de Torelli pour les intersections de trois quadriques, *Invent. Math.* **95** (1989), 507–528.
- [13] Images lisses d’une variété abélienne simple, *C. R. Acad. Sci. Paris* **309** (1989), 119–122.
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- [16] The trisecant conjecture for Pryms, in *Theta Functions, Bowdoin 1987*, Proceedings of Symposia in Pure Mathematics **49**, Part 1, 1989.
- [17] Variétés de Prym et ensembles d’Andreotti et Mayer, *Duke Math. J.* **60** (1990), 599–630.
- [18] Sur le théorème de Torelli pour les solides doubles quartiques, *Compos. Math.* **73** (1990), 161–187.
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- [22] Vers une stratification de l’espace des modules des variétés abéliennes principalement polarisées, in *Complex Algebraic Varieties, Proceedings, Bayreuth 1990*, Springer Lecture Notes **1507**, 1992.
- [23] Le lieu des variétés abéliennes dont le diviseur thêta est singulier à deux composantes, *Ann. Sc. École Norm. Sup.* **25** (1992), 687–708.

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