Most-Read Articles during April 2015
Most-read rankings are recalculated at the beginning of the month and are based on full-text and pdf views.

1. Articles:
   J. Bourgain
   Refinements of Strichartz’ inequality and applications to 2D-NLS with critical nonlinearity
doi:10.1155/S1073792898000191
   Full Text (PDF) Permissions

2. Articles:
   Timothy Daniel Browning
   The Polynomial Sieve and Equal Sums of Like Polynomials
doi:10.1093/imrn/rnt350
   Abstract Full Text (HTML) Full Text (PDF) References Permissions

3. Articles:
   Cristian Lenart, Satoshi Naito, Daisuke Sagaki, Anne Schilling, and Mark Shimozono
   A Uniform Model for Kirillov-Reshetikhin Crystals I: Lifting the Parabolic Quantum Bruhat Graph
doi:10.1093/imrn/rnv283
   Abstract Full Text (HTML) Full Text (PDF) References Permissions

4. Article:
   Graziano Crasta and Ilaria Fragalà
   A Symmetry Problem for the Infinity Laplacian
   Int Math Res Notices first published online November 6, 2014
doi:10.1093/imrn/rnu204
   Abstract Full Text (HTML) Full Text (PDF) References Permissions

5. Article:
   Melanie Machett Wood and Takehiko Yasuda
   Mass Formulas for Local Galois Representations and Quotient Spaces II: A Pairing of Galois Functions
doi:10.1093/imrn/rnv344
   Abstract Full Text (HTML) Full Text (PDF) References Permissions

6. Articles:
   Andrey Minchenko, Alexey Ovchinnikov, and Michael F. Singer
   Reductive Linear Differential Algebraic Groups and the Galois Groups of Parameterized Linear Differential Equations
doi:10.1093/imrn/rnv088
   Abstract Full Text (HTML) Full Text (PDF) References Permissions

7. Article:
   Thomas Krüner
   On a Family of Surfaces of General Type Attached to Abelian Four-Folds and the Weyl Group W(E_6)
   Int Math Res Notices first published online April 1, 2015
doi:10.1093/imrn/rnv088
   Abstract Full Text (HTML) Full Text (PDF) References Permissions

8. Articles:
   Ghislain Fourier, Nathan Manning, and Alistair Savage
   Global Weyl Modules for Equivariant Map Algebras
9. Articles:
    Hauzhao Li and Yalong Shi
    The Futaki Invariant on the Blowup of Kähler Surfaces
    Abstract Full Text (HTML) Full Text (PDF) References Permissions

10. Article:
    Sung-Jin Oh and Fabio Pusateri
    Decay and Scattering for the Chern–Simons–Schrödinger Equations
    Int Math Res Notices first published online April 2, 2015
doi:10.1093/imrn/rnv003
    Abstract Full Text (HTML) Full Text (PDF) References Permissions

11. Articles:
    Tianling Jin, YanYan Li, and Jiaingang Xiong
    On a Fractional Nirenberg Problem, Part II: Existence of Solutions
    Abstract Full Text (HTML) Full Text (PDF) References Permissions

12. Article:
    Rod Halburd and Jun Wang
    All Admissible Meromorphic Solutions of Harman’s Equation
    Int Math Res Notices first published online November 21, 2014
    doi:10.1093/imrn/rnu218
    Full Text (PDF) References

13. Article:
    Tao Wang
    On the Discrete Functional Lp Winkowski Problem
    Int Math Res Notices first published online January 18, 2015
    doi:10.1093/imrn/rnu256
    Abstract Full Text (HTML) Full Text (PDF) References Permissions

14. Article:
    Stefan Kolb
    Radial Part Calculations for $\hat{\mathbf{1}} \otimes \frac{1}{2}$ and the Heun-KZB Heat Equation
    Int Math Res Notices first published online March 30, 2015
doi:10.1093/imrn/rnv064
    Abstract Full Text (HTML) Full Text (PDF) References

15. Articles:
    Andre Chatzistamatiou
    Commutator Formal Groups Arising from Schemes
    Abstract Full Text (HTML) Full Text (PDF) References Permissions

16. Articles:
    Martin R. Bridson and Alan W. Reid
    Nilpotent Completions of Groups, Grothendieck Pairs, and Four Problems of Baumslag
    Abstract Full Text (HTML) Full Text (PDF) References Permissions

17. Articles:
    Lihua Wu, Xiangyou Gong, and Jinshun Zhang
    Algebraic-Geometric Solution to the Bullough–Dodd–Zhiber–Shabat Equation
18. Articles:
   Carlos E. Kenig and Hideo Takaoka
   Global wellposedness of the modified Benjamin-Ono equation
   with initial data in $H^{1/2}$
   Abstract Full Text (PDF) References Permissions

19. Research Articles:
   Maryam Mirzakhani
   Ergodic Theory of the Earthquake Flow
   Full Text (PDF) References Permissions

20. Article:
    Peter Zograf
    Enumeration of Grothendieck’s Dessins and KP Hierarchy
    Int Math Res Notices first published online April 23, 2015
doi:10.1093/imrn/rnv077
   Abstract Full Text (HTML) Full Text (PDF) References Permissions

21. Article:
    Mark Andrea A. de Cataldo
    Proper Toric Maps Over Finite Fields
    Int Math Res Notices first published online April 1, 2015
doi:10.1093/imrn/rnv094
   Abstract Full Text (HTML) Full Text (PDF) References Permissions

22. Articles:
    Sergey Natanzon and Anton Zabrodin
    Symmetric Solutions to Dispersionless 2D Toda Hierarchy,
    Hurwitz Numbers, and Conformal Dynamics
   Abstract Full Text (HTML) Full Text (PDF) References Permissions

23. Articles:
    Eyal Kaplan
    The Theta Period of a Cuspidal Automorphic Representation of
    $GL(n)$
   Abstract Full Text (HTML) Full Text (PDF) References Permissions

24. Articles:
    Joseph Ross
    Cohomology Theories with Supports
February 1, 2014 doi:10.1093/imrn/rnt352
   Abstract Full Text (HTML) Full Text (PDF) References Permissions

25. Articles:
    Nicholas M. Katz
    A Note on Riemann Hypothesis for Curves and Hypersurfaces Over
    Finite Fields
   Abstract Full Text (HTML) Full Text (PDF) References Permissions

26. Articles:
    Spencer Hamblen, Rafe Jones, and Kalyani Madhu
    The Density of Primes in Orbits of $2^a e$
   Abstract Full Text (HTML) Full Text (PDF) References Permissions
27. Article:
   Brian Benson
   "Sturm-Liouville Estimates for the Spectrum and Cheeger Constant"
   Int Math Res Notices first published online October 15, 2014
doi:10.1093/imrn/rnu175
      Abstract Full Text (HTML) Full Text (PDF) References Permissions

28. Article:
   Brian Smithling
   "On the Moduli Description of Local Models for Ramified Unitary Groups"
   Int Math Res Notices first published online April 21, 2015
doi:10.1093/imrn/rnv096
      Abstract Full Text (HTML) Full Text (PDF) References Permissions

29. Article:
   Kenneth Falconer and Xiong Jin
   "Dimension Conservation for Self-Similar Sets and Fractal Percolation"
   Int Math Res Notices first published online April 16, 2015
doi:10.1093/imrn/rnv103
      Abstract Full Text (HTML) Full Text (PDF) References Permissions

30. Article:
   Stefan Friedl and Matthias Nagel
   "3-Manifolds that Can Be Made Acyclic"
   Int Math Res Notices first published online April 16, 2015
doi:10.1093/imrn/rnv109
      Abstract Full Text (HTML) Full Text (PDF) References Permissions

31. Article:
   Emanuel Huhnen-Venedey and Wolfgang K. Schief
   "On Weingarten Transformations of Hyperbolic Nets"
   January 24, 2016 doi:10.1093/imrn/rnt054
      Abstract Full Text (HTML) Full Text (PDF) References Permissions

32. Article:
   Deqing Ye
   "L^p Geominimal Surface Areas and their Inequalities"
   February 5, 2014 doi:10.1093/imrn/rnu009
      Abstract Full Text (HTML) Full Text (PDF) References Permissions

33. Article:
   Victor Przyjalkowski and Constantin Shramov
   "On Hodge Numbers of Complete Intersections and Landau-Ginzburg Models"
   Int Math Res Notices first published online February 9, 2016
doi:10.1093/imrn/rnv024
      Abstract Full Text (HTML) Full Text (PDF) References Permissions

34. Article:
   Dimitri Shlyakhtenko
   "Random Gaussian band matrices and freeness with amalgamation"
doi:10.1155/S1073792896000633
      Full Text (PDF) Permissions

35. Article:
   Nathan Barker, Nigel Boston, Norbert Peyerimhoff, and Alina Vdovina
   "An Infinite Family of 2-Groups with Mixed Beauville Structures"
   Int Math Res Notices first published online March 27, 2014
doi:10.1093/imrn/rnu045
      Abstract Full Text (HTML) Full Text (PDF) References
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36. Article:
   Shinobu Okawa and Hokuto Uehara
   ""
37. Article: Sugata Mondal
On Topological Upper Bounds on the Number of Small Cuspidal Eigenvalues of Hyperbolic Surfaces of Finite Area
Int Math Res Notices first published online April 15, 2015
doi:10.1093/imrn/rnv092
Abstract Full Text (HTML) Full Text (PDF) References Permissions

38. Article: Jeremy Daniel and Xiaonan Ma
Characteristic Laplacian in Sub-Riemannian Geometry
Int Math Res Notices first published online April 16, 2015
doi:10.1093/imrn/rnv104
Abstract Full Text (HTML) Full Text (PDF) References Permissions

39. Article: Jianmin Chen, Xiao-Wu Chen, and Zhengiang Zhou
Monadicity Theorem and Weighted Projective Lines of Tubular Type
Int Math Res Notices first published online April 16, 2015
doi:10.1093/imrn/rnv106
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40. Articles:
Jie Du and Jinkui Wan
Presenting Quiver Schur Superalgebras
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41. Articles:
Tyler Lawson and Niko Naumann
Strictly Commutative Realizations of Diagrams Over the Steenrod Algebra and Topological Modular Forms at the Prime 2
Abstract Full Text (HTML) Full Text (PDF) References Permissions

42. Articles:
David I. Stewart
Non-G-Completely Reducible Subgroups of the Exceptional Algebraic Groups
Abstract Full Text (HTML) Full Text (PDF) References Permissions

43. Research Articles:
Manjul Bhargava
Mass Formulae for Extensions of Local Fields, and Conjectures on the Density of Number Field Discriminants
Abstract Full Text (PDF) References Permissions

44. Articles:
Génaud Massuyeau and Vladimir Turaev
Quasi-Poisson Structures on Representation Spaces of Surfaces
Abstract Full Text (HTML) Full Text (PDF) References Permissions

45. Article:
Daniele Arnaud Măcinic, Daniel Matei, and Ștefan Papadima
On the Second Nilpotent Quotient of Higher Homotopy Groups, for Hypersolvable Arrangements
46. Articles:
Noam D. Elkies
ABC implies WQED
doi:10.1155/S1073792891000144
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47. Articles:
Sho Matsumoto and Jonathan Novak
Jacobi–Murphy Elements and Unitary Matrix Integrals
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48. Articles:
Kathrin Bringmann, Karl Mahlburg, and Anton Mellit
Convolution Bootstrap Percolation Models, Markov-type Stochastic Processes, and Mock Theta Functions
February 16, 2012 doi:10.1093/imrn/rns008
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49. Articles:
Xiaonan Li and Maksym Radziwiłł
The Riemann Zeta Function on Vertical Arithmetic Progressions
September 18, 2013 doi:10.1093/imrn/rnt197
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50. Articles:
Xin Fang
Generalized Virtual Braid Groups, Quasi-Shuffle Product and Quantum Groups
Abstract Full Text (HTML) Full Text (PDF) References Permissions

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