

Olivier DORÉ

On-line references and citation metrics: [\[Google Scholar page\]](#) , [\[inSpire database\]](#)

Summary: *Citations: 45410; h-index: 60, i10-index: 148*

Refereed Publications

233. **“Planck intermediate results. LII. Planet flux densities”**
Y. Akrami *et al.* [Planck Collaboration].
arXiv:1612.07151 [astro-ph.EP]
[INSPIRE-HEP entry](#)
232. **“Biasing and the search for primordial non-Gaussianity beyond the local type”**
J. Gleyzes, R. de Putter, D. Green and O. Doré.
arXiv:1612.06366 [astro-ph.CO]
[INSPIRE-HEP entry](#)
231. **“The next non-Gaussianity frontier: what can a measurement with $\sigma(f_{\text{NL}}) \ll 1$ tell us about multifield inflation?”**
R. de Putter, J. Gleyzes and O. Doré.
arXiv:1612.05248 [astro-ph.CO]
[INSPIRE-HEP entry](#)
230. **“Planck intermediate results. Radio spectra of northern extragalactic radio sources”**
P. A. R. Ade *et al.* [Planck Collaboration].
arXiv:1606.05120 [astro-ph.GA]
Astron. Astrophys. **596**, A106 (2016)
[INSPIRE-HEP entry](#)
229. **“Optimizing future experiments of cosmic far-infrared background: a principal component approach”**
H. Y. Wu and O. Doré.
arXiv:1612.02474 [astro-ph.CO]
[INSPIRE-HEP entry](#)
228. **“A minimal empirical model for the cosmic far-infrared background anisotropies”**
H. Y. Wu and O. Doré.
arXiv:1611.04517 [astro-ph.GA]
[INSPIRE-HEP entry](#)
227. **“Modelling and simulation of large-scale polarized dust emission over the southern Galactic cap using the GASS HI data”**
T. Ghosh *et al.*.
arXiv:1611.02418 [astro-ph.GA]
[INSPIRE-HEP entry](#)
226. **“Single-Field Inflation and the Local Ansatz: Distinguishability and Consistency”**
R. de Putter, O. Doré, D. Green and J. Meyers.
arXiv:1610.00785 [hep-th] [HEP entry](#)

225. **“Planck 2016 intermediate results. LI. Features in the cosmic microwave background temperature power spectrum and shifts in cosmological parameters”**
N. Aghanim *et al.* [Planck Collaboration].
arXiv:1608.02487 [astro-ph.CO] [HEP entry](#)
224. **“Dissecting the high-*z* interstellar medium through intensity mapping cross-correlations”**
P. Serra, O. Doré and G. Lagache.
Astrophys. J. **833**, no. 2, 153 (2016)
arXiv:1608.00585 [astro-ph.GA] [HEP entry](#)
223. **“Interpreting the cosmic far-infrared background anisotropies using a gas regulator model”**
H.-Y. Wu, O. Doré, R. Teyssier
arXiv:1607.02546 [astro-ph.CO] [HEP entry](#)
222. **“Looking through the same lens: shear calibration for LSST, Euclid & WFIRST with stage 4 CMB lensing”**
E. Schaaf, E. Krause, T. Eifler, O. Doré, H. Miyatake, J. Rhodes and D. N. Spergel.
arXiv:1607.01761 [astro-ph.CO] [HEP entry](#)
221. **“Planck intermediate results. L. Evidence for spatial variation of the polarized thermal dust spectral energy distribution and implications for CMB *B*-mode analysis”**
N. Aghanim *et al.* [Planck Collaboration].
Astron. Astrophys. **596**, A109 (2016)
arXiv:1606.07335 [astro-ph.CO]
220. **“Science Impacts of the SPHEREx All-Sky Optical to Near-Infrared Spectral Survey: Report of a Community Workshop Examining Extragalactic, Galactic, Stellar and Planetary Science”**
O. Doré *et al.*
arXiv:1606.07039 [astro-ph.CO] [HEP entry](#)
219. **“An Empirical Approach to Cosmological Galaxy Survey Simulation: Application to SPHEREx Low-Resolution Spectroscopy”**
N. R. Stickley, P. Capak, D. Masters, R. de Putter, O. Doré and J. Bock.
arXiv:1606.06374 [astro-ph.IM] [HEP entry](#)
218. **“Planck intermediate results. XLVIII. Disentangling Galactic dust emission and cosmic infrared background anisotropies”**
N. Aghanim *et al.* [Planck Collaboration].
arXiv:1605.09387 [astro-ph.CO] [HEP entry](#)
217. **“Planck intermediate results. XLIX. Parity-violation constraints from polarization data”**
N. Aghanim *et al.* [Planck Collaboration].
arXiv:1605.08633 [astro-ph.CO] [HEP entry](#)
216. **“Planck 2016 intermediate results. XLVII. Planck constraints on reionization history”**
R. Adam *et al.* [Planck Collaboration].
arXiv:1605.03507 [astro-ph.CO] [HEP entry](#)
215. **“Planck 2016 intermediate results. XLVI. Reduction of large-scale systematic effects in HFI polarization maps and estimation of the reionization optical depth”**
N. Aghanim *et al.* [Planck Collaboration].
arXiv:1605.02985 [astro-ph.CO] [HEP entry](#)
214. **“Planck intermediate results. XLIV. The structure of the Galactic magnetic field from dust polarization maps of the southern Galactic cap”**
N. Aghanim *et al.* [Planck Collaboration].
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213. **“Planck intermediate results. XLIII. The spectral energy distribution of dust in clusters of galaxies”**
R. Adam *et al.* [Planck Collaboration].
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212. **“Cosmic Dawn Intensity Mapper”**
A. Cooray *et al.*.
arXiv:1602.05178 [astro-ph.CO] [HEP entry](#)
211. **“Planck intermediate results. XXV. The Andromeda Galaxy as seen by Planck”**
P. A. R. Ade *et al.*.
Astron. Astrophys. **582**, A28 (2015)
arXiv:1407.5452 [HEP entry](#)
210. **“Planck intermediate results. XLII. Large-scale Galactic magnetic fields”**
R. Adam *et al.* [Planck Collaboration].
arXiv:1601.00546 [astro-ph.GA] [HEP entry](#)
209. **“A practical theorem on using interferometry to measure the global 21-cm signal”**
T. Venumadhav, T. C. Chang, O. Doré and C. M. Hirata.
Astrophys. J. **826**, no. 2, 116 (2016)
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208. **“Planck intermediate results. XLI. A map of lensing-induced B-modes”**
P. A. R. Ade *et al.* [Planck Collaboration].
arXiv:1512.02882 [astro-ph.CO] [HEP entry](#)
207. **“Combining galaxy and 21cm surveys”**
J. D. Cohn, M. White, T. C. Chang, G. Holder, N. Padmanabhan and O. Doré.
Mon. Not. Roy. Astron. Soc. **457**, no. 2, 2068 (2016)
arXiv:1511.07377 [astro-ph.CO] [HEP entry](#)
206. **“Planck intermediate results. XL. The Sunyaev-Zeldovich signal from the Virgo cluster”**
P. A. R. Ade *et al.* [Planck Collaboration].
arXiv:1511.05156 [astro-ph.CO] [HEP entry](#)
205. **“Planck intermediate results. XL. The Sunyaev-Zeldovich signal from the Virgo cluster”**
P. A. R. Ade *et al.* [Planck Collaboration].
arXiv:1511.05156 [astro-ph.CO] [HEP entry](#)
204. **“Probing star formation in the dense environments of $z \sim 1$ lensing halos aligned with dusty star-forming galaxies detected with the South Pole Telescope”**
N. Welikala *et al.* [SPT Collaboration].
Mon. Not. Roy. Astron. Soc. **455**, no. 2, 1629 (2016)
arXiv:1510.01359 [astro-ph.GA] [HEP entry](#)
203. **“Planck 2015 results. XXIII. The thermal Sunyaev-Zeldovich effect–cosmic infrared background correlation”**
P. A. R. Ade *et al.* [Planck Collaboration].
arXiv:1509.06555 [astro-ph.CO] [HEP entry](#)
202. **“Planck 2015 results. XII. Full Focal Plane simulations”**
P. A. R. Ade *et al.* [Planck Collaboration].
arXiv:1509.06348 [astro-ph.CO] [HEP entry](#)
201. **“Planck intermediate results. XXXIX. The Planck list of high-redshift source candidates”**
P. A. R. Ade *et al.* [Planck Collaboration].
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200. **“Planck 2013 results. XXXI. Consistency of the Planck data”**
P. A. R. Ade *et al.* [Planck Collaboration].
arXiv:1508.03375 [astro-ph.CO]
Astron. Astrophys. **571**, A31 (2014) [HEP entry](#)
199. **“Geometrical Constraint on Curvature with BAO experiments”**
M. Takada and O. Doré.
Phys. Rev. D **92**, no. 12, 123518 (2015)
arXiv:1508.02469 [astro-ph.CO] [HEP entry](#)
198. **“Planck 2015 results. III. LFI systematic uncertainties”**
P. A. R. Ade *et al.* [Planck Collaboration].
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197. **“Interloper bias in future large-scale structure surveys”**
A. R. Pullen, C. M. Hirata, O. Doré and A. Raccanelli.
Publ. Astron. Soc. Jap. **68**, no. 1, 12 (2016)
arXiv:1507.05092 [astro-ph.CO] [HEP entry](#)
196. **“Joint Analysis of BICEP2/KeckArray and Planck Data”**
P. A. R. Ade *et al.* [BICEP2 and Planck Collaborations].
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195. **“Planck 2013 results. XXIX. The Planck catalogue of Sunyaev-Zeldovich sources: Addendum”**
P. A. R. Ade *et al.* [Planck Collaboration].
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194. **“Planck 2013 results. XXIX. The Planck catalogue of Sunyaev-Zeldovich sources”**
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193. **“Planck 2013 results. XXVIII. The Planck Catalogue of Compact Sources”**
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192. **“Planck 2013 results. XXII. Constraints on inflation”**
P. A. R. Ade *et al.* [Planck Collaboration].
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191. **“Planck 2013 results. XVI. Cosmological parameters”**
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190. **“Planck 2013 results. XV. CMB power spectra and likelihood”**
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188. **“Planck 2013 results. XII. Diffuse component separation”**
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187. **“Planck 2015 results. V. LFI calibration”**
P. A. R. Ade *et al.* [Planck Collaboration].
arXiv:1505.08022 [astro-ph.IM] [HEP entry](#)
186. **“Cosmological Measurements with General Relativistic Galaxy Correlations”**
A. Raccanelli, F. Montanari, D. Bertacca, O. Doré and R. Durrer.
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185. **“Planck intermediate results. XXXVIII. E- and B-modes of dust polarization from the magnetized filamentary structure of the interstellar medium”**
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184. **“Is There Scale-Dependent Bias in Single-Field Inflation?”**
R. de Putter, O. Doré and D. Green.
JCAP **1510**, no. 10, 024 (2015)
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183. **“Planck Intermediate Results. XXXVI. Optical identification and redshifts of Planck SZ sources with telescopes in the Canary Islands Observatories”**
P. A. R. Ade *et al.* [Planck Collaboration].
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182. **“Planck intermediate results. XXXVII. Evidence of unbound gas from the kinetic Sunyaev-Zeldovich effect”**
P. A. R. Ade *et al.* [Planck Collaboration].
arXiv:1504.03339 [astro-ph.CO] [HEP entry](#)
181. **“Planck intermediate results. XXVII. High-redshift infrared galaxy overdensity candidates and lensed sources discovered by Planck and confirmed by Herschel-SPIRE”**
N. Aghanim *et al.* [Planck Collaboration].
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180. **“Detecting the cosmological recombination signal from space”**
V. Desjacques, J. Chluba, J. Silk, F. de Bernardis and O. Doré.
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179. **“Planck 2015 results. IX. Diffuse component separation: CMB maps”**
R. Adam *et al.* [Planck Collaboration].
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178. **“Planck intermediate results. XXXV. Probing the role of the magnetic field in the formation of structure in molecular clouds”**
P. A. R. Ade *et al.* [Planck Collaboration].
arXiv:1502.04123 [astro-ph.GA] [HEP entry](#)
177. **“Planck 2015. XX. Constraints on inflation”**
P. A. R. Ade *et al.* [Planck Collaboration].
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176. **“Planck 2015 results. XXVIII. The Planck Catalogue of Galactic Cold Clumps”**
P. A. R. Ade *et al.* [Planck Collaboration].
arXiv:1502.01599 [astro-ph.GA] [HEP entry](#)
175. **“Planck 2015 results. VII. HFI TOI and beam processing”**
R. Adam *et al.* [Planck Collaboration].
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174. **“Planck 2015 results. XXVII. The Second Planck Catalogue of Sunyaev-Zeldovich Sources”**
P. A. R. Ade *et al.* [Planck Collaboration].
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173. **“Planck 2015 results. XXIV. Cosmology from Sunyaev-Zeldovich cluster counts”**
P. A. R. Ade *et al.* [Planck Collaboration].
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172. **“Planck 2015 results. XXII. A map of the thermal Sunyaev-Zeldovich effect”**
N. Aghanim *et al.* [Planck Collaboration].
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171. **“Planck 2015 results. XXI. The integrated Sachs-Wolfe effect”**
P. A. R. Ade *et al.* [Planck Collaboration].
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170. **“Planck 2015 results. XIX. Constraints on primordial magnetic fields”**
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169. **“Planck 2015 results. XVIII. Background geometry & topology”**
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168. **“Planck 2015 results. XVII. Constraints on primordial non-Gaussianity”**
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167. **“Planck 2015 results. XV. Gravitational lensing”**
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166. **“Planck 2015 results. XIV. Dark energy and modified gravity”**
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165. **“Planck 2015 results. XIII. Cosmological parameters”**
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164. **“Planck 2015 results. X. Diffuse component separation: Foreground maps”**
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163. **“Planck 2015 results. VIII. High Frequency Instrument data processing: Calibration and maps”**
R. Adam *et al.* [Planck Collaboration].
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162. **“Planck 2015 results. VI. LFI mapmaking”**
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161. **“Planck 2015 results. IV. Low Frequency Instrument beams and window functions”**
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160. **“Planck 2015 results. II. Low Frequency Instrument data processing”**
P. A. R. Ade *et al.* [Planck Collaboration].
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159. **“Planck 2015 results. I. Overview of products and scientific results”**
R. Adam *et al.* [Planck Collaboration].
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158. **“A Joint Analysis of BICEP2/Keck Array and Planck Data”**
P. A. R. Ade *et al.* [BICEP2 and Planck Collaborations].
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157. **“Planck 2013 results. XXIX. The Planck catalogue of Sunyaev-Zeldovich sources: Addendum”**
P. A. R. Ade *et al.* [Planck Collaboration].
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156. **“Planck intermediate results. XXXIV. The magnetic field structure in the Rosette Nebula”**
N. Aghanim *et al.* [Planck Collaboration].
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155. **“Planck intermediate results. XXXIII. Signature of the magnetic field geometry of interstellar filaments in dust polarization maps”**
P. A. R. Ade *et al.* [Planck Collaboration].
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154. **“Planck intermediate results. XXXII. The relative orientation between the magnetic field and structures traced by interstellar dust”**
R. Adam *et al.* [Planck Collaboration].
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153. **“SPHEREx: An All-Sky Spectral Survey”**
O. Doré, J. Bock, P. Capak, R. de Putter, T. Eifler, C. Hirata, P. Korngut and E. Krause *et al.*
arXiv:1412.4872 [astro-ph.CO] [HEP entry](#)
152. **“Testing Inflation with Large Scale Structure: Connecting Hopes with Reality”**
M. Alvarez, T. Baldauf, J. R. Bond, N. Dalal, R. de Putter, O. Doré, D. Green and C. Hirata *et al.*
arXiv:1412.4671 [astro-ph.CO] [HEP entry](#)
151. **“Designing an Inflation Galaxy Survey: how to measure $\sigma(f_{\text{NL}}) \sim 1$ using scale-dependent galaxy bias”**
R. de Putter and O. Doré.
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150. **“Constraining the Exozodiacal Luminosity Function of Main-sequence Stars: Complete Results from the Keck Nuller Mid-infrared Surveys”**
B. Mennesson, R. Millan-Gabet, E. Serabyn, M. Colavita, O. Absil, G. Bryden, M. Wyatt, W. Danchi, D. Defrère, O. Doré *et al.*
The Astrophysical Journal, Volume 797, Issue 2, article id. 119, 28 pp. (2014) [ApJ link](#)
149. **“Planck intermediate results. XXXIII. Signature of the magnetic field geometry of interstellar filaments in dust polarization maps”**
P. A. R. Ade *et al.* [Planck Collaboration].
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148. **“Planck intermediate results. XXXII. The relative orientation between the magnetic field and structures traced by interstellar dust”**
R. Adam *et al.* [Planck Collaboration].
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147. **“Planck intermediate results. XXIX. All-sky dust modelling with Planck, IRAS, and WISE observations”**
P. A. R. Ade *et al.* [Planck Collaboration].
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146. **“Planck intermediate results. XXX. The angular power spectrum of polarized dust emission at intermediate and high Galactic latitudes”**
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145. **“Planck intermediate results. XXVIII. Interstellar gas and dust in the Chamaeleon clouds as seen by Fermi LAT and Planck”**
P. A. R. Ade *et al.* [Planck and Fermi-LAT Collaborations].
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144. **“Optimization of spectroscopic surveys for testing non-Gaussianity”**
A. Raccanelli, O. Doré and N. Dalal.
JCAP **1508**, 034 (2015)
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143. **“Planck intermediate results. XXVI. Optical identification and redshifts of Planck clusters with the RTT150 telescope”**
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142. **“Planck intermediate results. XXIV. Constraints on variation of fundamental constants”**
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140. **“Probing primordial non-Gaussianity via iSW measurements with SKA continuum surveys”**
A. Raccanelli, O. Doré, D. J. Bacon, R. Maartens, M. G. Santos, S. Camera, T. Davis and M. J. Drinkwater *et al.*.
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P. A. R. Ade *et al.* [Planck Collaboration].
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138. **“Planck intermediate results. XX. Comparison of polarized thermal emission from Galactic dust with simulations of MHD turbulence”**
P. A. R. Ade *et al.* [Planck Collaboration].
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137. **“Planck intermediate results. XIX. An overview of the polarized thermal emission from Galactic dust”**
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136. **“Planck intermediate results. XXII. Frequency dependence of thermal emission from Galactic dust in intensity and polarization”**
P. A. R. Ade *et al.* [Planck Collaboration].
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135. **“Results from the Wilkinson Microwave Anisotropy Probe”**
E. Komatsu *et al.* [WMAP Science Team Collaboration].
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134. **“Cross-correlation of cosmic far-infrared background anisotropies with large scale structures”**
P. Serra, G. Lagache, O. Doré, A. Pullen and M. White.
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133. **“Planck intermediate results. XVIII The millimetre and sub-millimetre emission from planetary nebulae”**
M. Arnaud *et al.* [Planck Collaboration].
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132. **“Cosmological Spectral Deconvolution”**
R. de Putter, G. P. Holder, T. -C. Chang and O. Doré.
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131. **“Planck intermediate results. XVII. Emission of dust in the diffuse interstellar medium from the far-infrared to microwave frequencies”**
A. Abergel *et al.* [Planck Collaboration].
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130. **“Planck 2013 results. XI. All-sky model of thermal dust emission”**
A. Abergel *et al.* [Planck Collaboration].
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129. **“Lensing and time-delay contributions to galaxy correlations”**
A. Raccañelli, D. Bertacca, R. Maartens, C. Clarkson and O. Doré
arXiv:1311.6813 [astro-ph.CO] [HEP entry](#)
128. **“Extragalactic Foreground Contamination in Temperature-based CMB Lens Reconstruction”**
S. J. Osborne, D. Hanson and O. Doré
arXiv:1310.7547 [astro-ph.CO] [HEP entry](#)
127. **“Planck intermediate results. XVI. Profile likelihoods for cosmological parameters”**
P. A. R. Ade *et al.* [Planck Collaboration].
arXiv:1311.1657 [astro-ph.CO] [HEP entry](#)
126. **“Intensity Mapping across Cosmic Times with the Lyman-Alpha Line”**
A. Pullen, O. Doré and J. Bock.
arXiv:1309.2295 [astro-ph.CO] [HEP entry](#)
125. **“Planck intermediate results. XV. A study of anomalous microwave emission in Galactic clouds”**
P. A. R. Ade *et al.* [Planck Collaboration].
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124. **“Planck 2013 results. XXX. Cosmic infrared background measurements and implications for star formation”**
P. A. R. Ade *et al.* [Planck Collaboration].
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123. **“The Synergy between Weak Lensing and Galaxy Redshift Surveys”**
R. de Putter, O. Doré and M. Takada.
arXiv:1308.6070 [astro-ph.CO] [HEP entry](#)
122. **“The Herschel Stripe 82 Survey (HerS): Maps and Early Catalog”**
M. P. Viero, V. Asboth, I. G. Roseboom, G. Marsden, L. Moncelsi, E. M. Cooper, M. Zemcov and G. Addison *et al.*.
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121. **“Planck intermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane”**
P. A. R. Ade *et al.* [Planck Collaboration].
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