

## 2021 年度国家自然科学基金委员会与金砖国家科技和创新框架计划

### 合作研究项目预申请通过清单

| 序号  | 预申请项目编号       | 申报领域  |
|-----|---------------|---|
| 1.  | BRICS2021-003 | Transient astronomical events and Deep Survey science   |
| 2.  | BRICS2021-007 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 3.  | BRICS2021-012 | Water treatment technology  |
| 4.  | BRICS2021-014 | Simulation and big data analytics for advanced precision medicine and public healthcare                                 |
| 5.  | BRICS2021-015 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 6.  | BRICS2021-017 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 7.  | BRICS2021-018 | Renewable energy, including smart grid integration  |
| 8.  | BRICS2021-020 | Simulation and big data analytics for advanced precision medicine and public healthcare                                 |
| 9.  | BRICS2021-022 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 10. | BRICS2021-034 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 11. | BRICS2021-037 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 12. | BRICS2021-038 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 13. | BRICS2021-041 | Simulation and big data analytics for advanced precision medicine and public healthcare                                 |
| 14. | BRICS2021-044 | Water treatment technology  |
| 15. | BRICS2021-047 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 16. | BRICS2021-052 | Materials science and nanotechnology for addressing   |

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|     |               | environmental, climate change, agricultural, food and energy issues   |
| 17. | BRICS2021-053 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 18. | BRICS2021-056 | Renewable energy, including smart grid integration  |
| 19. | BRICS2021-060 | Renewable energy, including smart grid integration  |
| 20. | BRICS2021-063 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 21. | BRICS2021-064 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 22. | BRICS2021-068 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 23. | BRICS2021-069 | Water treatment technology  |
| 24. | BRICS2021-072 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 25. | BRICS2021-073 | Simulation and big data analytics for advanced precision medicine and public healthcare                                 |
| 26. | BRICS2021-076 | Water treatment technology  |
| 27. | BRICS2021-079 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 28. | BRICS2021-080 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 29. | BRICS2021-081 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 30. | BRICS2021-082 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 31. | BRICS2021-084 | Water treatment technology  |
| 32. | BRICS2021-088 | Water treatment technology  |
| 33. | BRICS2021-089 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |

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| 34. | BRICS2021-093 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 35. | BRICS2021-096 | Simulation and big data analytics for advanced precision medicine and public healthcare                                 |
| 36. | BRICS2021-098 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 37. | BRICS2021-100 | Transient astronomical events and Deep Survey science   |
| 38. | BRICS2021-102 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 39. | BRICS2021-105 | Water treatment technology  |
| 40. | BRICS2021-106 | Simulation and big data analytics for advanced precision medicine and public healthcare                                 |
| 41. | BRICS2021-113 | Renewable energy, including smart grid integration  |
| 42. | BRICS2021-118 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 43. | BRICS2021-120 | Transient astronomical events and Deep Survey science   |
| 44. | BRICS2021-121 | Renewable energy, including smart grid integration  |
| 45. | BRICS2021-126 | Water treatment technology  |
| 46. | BRICS2021-132 | Water treatment technology  |
| 47. | BRICS2021-133 | Water treatment technology  |
| 48. | BRICS2021-134 | Water treatment technology  |
| 49. | BRICS2021-135 | Simulation and big data analytics for advanced precision medicine and public healthcare                                 |
| 50. | BRICS2021-136 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 51. | BRICS2021-137 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 52. | BRICS2021-138 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 53. | BRICS2021-139 | Renewable energy, including smart grid integration  |
| 54. | BRICS2021-140 | Water treatment technology  |

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| 55. | BRICS2021-146 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 56. | BRICS2021-149 | Renewable energy, including smart grid integration  |
| 57. | BRICS2021-150 | Simulation and big data analytics for advanced precision medicine and public healthcare                                 |
| 58. | BRICS2021-152 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 59. | BRICS2021-159 | Transient astronomical events and Deep Survey science   |
| 60. | BRICS2021-162 | Renewable energy, including smart grid integration  |
| 61. | BRICS2021-164 | Simulation and big data analytics for advanced precision medicine and public healthcare                                 |
| 62. | BRICS2021-169 | Simulation and big data analytics for advanced precision medicine and public healthcare                                 |
| 63. | BRICS2021-171 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 64. | BRICS2021-178 | Renewable energy, including smart grid integration  |
| 65. | BRICS2021-179 | Water treatment technology  |
| 66. | BRICS2021-180 | Water treatment technology  |
| 67. | BRICS2021-183 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 68. | BRICS2021-184 | Renewable energy, including smart grid integration  |
| 69. | BRICS2021-186 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 70. | BRICS2021-187 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 71. | BRICS2021-188 | Renewable energy, including smart grid integration  |
| 72. | BRICS2021-191 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 73. | BRICS2021-192 | Renewable energy, including smart grid integration  |
| 74. | BRICS2021-193 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |

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| 75. | BRICS2021-196 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 76. | BRICS2021-197 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 77. | BRICS2021-198 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 78. | BRICS2021-199 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 79. | BRICS2021-202 | Renewable energy, including smart grid integration  |
| 80. | BRICS2021-204 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 81. | BRICS2021-208 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 82. | BRICS2021-210 | Water treatment technology  |
| 83. | BRICS2021-212 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 84. | BRICS2021-213 | Water treatment technology  |
| 85. | BRICS2021-215 | Water treatment technology  |
| 86. | BRICS2021-216 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 87. | BRICS2021-217 | Water treatment technology  |
| 88. | BRICS2021-218 | Water treatment technology  |
| 89. | BRICS2021-221 | Water treatment technology  |
| 90. | BRICS2021-222 | Renewable energy, including smart grid integration  |
| 91. | BRICS2021-223 | Water treatment technology  |
| 92. | BRICS2021-225 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 93. | BRICS2021-226 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |

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| 94.  | BRICS2021-227 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 95.  | BRICS2021-228 | Water treatment technology  |
| 96.  | BRICS2021-229 | Renewable energy, including smart grid integration  |
| 97.  | BRICS2021-231 | Renewable energy, including smart grid integration  |
| 98.  | BRICS2021-232 | Water treatment technology  |
| 99.  | BRICS2021-233 | Renewable energy, including smart grid integration  |
| 100. | BRICS2021-236 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 101. | BRICS2021-238 | Water treatment technology  |
| 102. | BRICS2021-239 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 103. | BRICS2021-240 | Water treatment technology  |
| 104. | BRICS2021-241 | Water treatment technology  |
| 105. | BRICS2021-242 | Renewable energy, including smart grid integration  |
| 106. | BRICS2021-243 | Water treatment technology  |
| 107. | BRICS2021-244 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 108. | BRICS2021-246 | Renewable energy, including smart grid integration  |
| 109. | BRICS2021-247 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 110. | BRICS2021-248 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 111. | BRICS2021-250 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 112. | BRICS2021-251 | Water treatment technology  |
| 113. | BRICS2021-254 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 114. | BRICS2021-259 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |

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| 115. | BRICS2021-260 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 116. | BRICS2021-265 | Water treatment technology  |
| 117. | BRICS2021-269 | Water treatment technology  |
| 118. | BRICS2021-274 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 119. | BRICS2021-281 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 120. | BRICS2021-285 | Transient astronomical events and Deep Survey science   |
| 121. | BRICS2021-288 | Renewable energy, including smart grid integration  |
| 122. | BRICS2021-289 | Renewable energy, including smart grid integration  |
| 123. | BRICS2021-290 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 124. | BRICS2021-291 | Renewable energy, including smart grid integration  |
| 125. | BRICS2021-293 | Renewable energy, including smart grid integration  |
| 126. | BRICS2021-294 | Renewable energy, including smart grid integration  |
| 127. | BRICS2021-295 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 128. | BRICS2021-296 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 129. | BRICS2021-298 | Transient astronomical events and Deep Survey science   |
| 130. | BRICS2021-299 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 131. | BRICS2021-300 | Transient astronomical events and Deep Survey science   |
| 132. | BRICS2021-303 | Renewable energy, including smart grid integration  |
| 133. | BRICS2021-304 | Renewable energy, including smart grid integration  |
| 134. | BRICS2021-308 | Renewable energy, including smart grid integration  |
| 135. | BRICS2021-310 | Renewable energy, including smart grid integration  |

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| 136. | BRICS2021-311 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 137. | BRICS2021-314 | Water treatment technology  |
| 138. | BRICS2021-319 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 139. | BRICS2021-321 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 140. | BRICS2021-324 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 141. | BRICS2021-328 | Renewable energy, including smart grid integration  |
| 142. | BRICS2021-329 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 143. | BRICS2021-330 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 144. | BRICS2021-331 | Transient astronomical events and Deep Survey science   |
| 145. | BRICS2021-333 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 146. | BRICS2021-336 | Renewable energy, including smart grid integration  |
| 147. | BRICS2021-337 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 148. | BRICS2021-338 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 149. | BRICS2021-340 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 150. | BRICS2021-342 | Renewable energy, including smart grid integration  |
| 151. | BRICS2021-346 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 152. | BRICS2021-347 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |



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| 153. | BRICS2021-349 | Simulation and big data analytics for advanced precision medicine and public healthcare                                 |
| 154. | BRICS2021-350 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 155. | BRICS2021-353 | Simulation and big data analytics for advanced precision medicine and public healthcare                                 |
| 156. | BRICS2021-357 | Renewable energy, including smart grid integration  |
| 157. | BRICS2021-358 | Water treatment technology  |
| 158. | BRICS2021-359 | Renewable energy, including smart grid integration  |
| 159. | BRICS2021-360 | Renewable energy, including smart grid integration  |
| 160. | BRICS2021-362 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 161. | BRICS2021-364 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 162. | BRICS2021-366 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 163. | BRICS2021-368 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 164. | BRICS2021-369 | Materials science and nanotechnology for addressing environmental, climate change, agricultural, food and energy issues |
| 165. | BRICS2021-379 | Renewable energy, including smart grid integration  |
| 166. | BRICS2021-381 | Transient astronomical events and Deep Survey science   |