

# LIST OF PUBLICATIONS

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## **OVERVIEW:**

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|-------------------------------------------------------------------|-----|
| ▪ Textbook published by IoP (London):                             | 01  |
| ▪ Articles in peer reviewed international journals:               | 426 |
| ▪ Articles in Conference Proceedings:                             | 09  |
| ▪ Articles in Edited Books Published by Multinational Publishers: | 06  |

## **GOOGLE SCHOLAR INDIES:**

- Total Citations: 14,500+
- h-index: 52
- i10 index: 251

(Source: [http://scholar.google.com/citations?user=uOLQ\\_SkAAAAJ&hl=en](http://scholar.google.com/citations?user=uOLQ_SkAAAAJ&hl=en))

## A. Textbooks Published by Multinational Publishers:

- ❖ P K Shukla, A A Mamun (2002): *Introduction to Dusty Plasma Physics*, Institute of Physics Publishing Ltd., Bristol, ISBN 0 7503 0653X.

## B. Articles in Peer Reviewed International Journals:

### I. Single/1<sup>st</sup> Authored Articles:

### journal impact factor

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| 1. A A Mamun, M Salimullah: <i>Phys. Rev. B</i> (USA) <b>44</b> , 8685 (1991).                       | 3.66 |
| 2. A A Mamun, M N Alam: <i>Phys. Rev. B</i> (USA) <b>45</b> , 5868 (1992).                           | 3.66 |
| 3. A A Mamun, F Majid, M N Alam: <i>Il Nuovo Cimento D</i> (Italy) <b>14</b> , 729 (1992).           | 0.38 |
| 4. A A Mamun, M Salimullah, F Majid: <i>Indian J. Phys. B</i> (India) <b>66</b> , 407 (1992).        | 1.79 |
| 5. A A Mamun: <i>Il Nuovo Cimento D</i> (Italy) <b>15</b> , 1255 (1993).                             | 0.38 |
| 6. A A Mamun: <i>Phys. Plasmas</i> (USA) <b>1</b> , 2096 (1994).                                     | 2.25 |
| 7. A A Mamun: <i>Il Nuovo Cimento D</i> (Italy) <b>18</b> , 47 (1996).                               | 0.38 |
| 8. A A Mamun, R A Cairns, P K Shukla: <i>Phys. Plasmas</i> (USA) <b>3</b> , 702 (1996).              | 2.25 |
| 9. A A Mamun, R A Cairns: <i>Physica Scripta</i> (Sweden) <b>T63</b> , 211 (1996).                   | 2.15 |
| 10. A A Mamun, R A Cairns: <i>J. Plasma Phys.</i> (UK) <b>56</b> , 175 (1996).                       | 2.31 |
| 11. A A Mamun, R A Cairns, P K Shukla: <i>Phys. Plasmas</i> (USA) <b>3</b> , 2610 (1996).            | 2.25 |
| 12. A A Mamun: <i>Phys. Rev. E</i> (USA) <b>55</b> , 1852 (1997).                                    | 2.23 |
| 13. A A Mamun, M N Alam: <i>Physica Scripta</i> (Sweden) <b>56</b> , 626 (1997).                     | 2.15 |
| 14. A A Mamun: <i>Phys. Plasmas</i> (USA) <b>5</b> , 322 (1998).                                     | 2.25 |
| 15. A A Mamun: <i>Physica Scripta</i> (Sweden) <b>57</b> , 258(1998).                                | 2.15 |
| 16. A A Mamun: <i>J. Plasma Phys.</i> (USA) <b>59</b> , 575 (1998).                                  | 2.31 |
| 17. A A Mamun: <i>Physica Scripta</i> (Sweden) <b>58</b> , 505 (1998).                               | 2.15 |
| 18. A A Mamun: <i>Il Nuovo Cimento D</i> (Italy) <b>20</b> , 1307 (1998).                            | 0.38 |
| 19. A A Mamun: <i>Phys. Plasmas</i> (USA) <b>5</b> , 3542 (1998).                                    | 2.25 |
| 20. A A Mamun, M N Alam: <i>Physica Scripta</i> (Sweden) <b>57</b> , 535 (1998).                     | 2.31 |
| 21. A A Mamun, M N Alam, A K Azad: <i>Phys. Plasmas</i> (USA) <b>5</b> , 1212 (1998).                | 2.25 |
| 22. A A Mamun, M N Alam, A K Das, A K Aszad.: <i>Physica Scripta</i> (Sweden) <b>58</b> , 72 (1998). | 2.31 |
| 23. A A Mamun, C A Mendoza-Briceno: <i>Il Nuovo Cimento D</i> (Italy) <b>20</b> , 1327 (1998).       | 0.38 |
| 24. A A Mamun, M N Alam: <i>Indian J. Phys. B</i> (India) <b>72</b> , 559 (1998).                    | 1.79 |
| 25. A A Mamun: <i>Astrophys. Space Sci.</i> (Netherlands) <b>260</b> , 507 (1999).                   | 2.40 |

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| 26. | <b>A A Mamun:</b> <i>Physica Scripta</i> (Sweden) <b>59</b> , 454 (1999).                             | 2.15 |
| 27. | <b>A A Mamun:</b> <i>Physica Scripta</i> (Sweden) <b>60</b> , 365 (1999).                             | 2.15 |
| 28. | <b>A A Mamun:</b> <i>Astrophys. Space Sci.</i> (Netherlands) <b>268</b> , 443 (1999).                 | 2.40 |
| 29. | <b>A A Mamun</b> , M Salahuddin, M. Salimullah: <i>Planet. Space Sci.</i> (UK) <b>47</b> , 79 (1999). | 1.63 |
| 30. | <b>A A Mamun:</b> <i>Euro. Phys. J.D</i> (EU) <b>11</b> , 143 (2000).                                 | 2.39 |
| 31. | <b>A A Mamun</b> , S M Russel, C M. Briceno: <i>Planet. Space Sci.</i> (UK) <b>48</b> , 163 (2000).   | 1.63 |
| 32. | <b>A A Mamun</b> , M H A Hassan: <i>J. Plasma Phys.</i> (UK) <b>63</b> , 191 (2000).                  | 2.31 |
| 33. | <b>A A Mamun</b> , A A Gebreel: <i>Euro. Phys. J. D</i> (EU) <b>10</b> , 301 (2000).                  | 2.39 |
| 34. | <b>A A Mamun</b> , A A Gebreel: <i>Euro. Phys. J. D</i> (EU) <b>11</b> , 473 (2000).                  | 2.39 |
| 35. | <b>A A Mamun</b> , P K Shukla, T Farid: <i>Phys. Plasmas</i> (USA) <b>7</b> , 2329 (2000).            | 2.25 |
| 36. | <b>A A Mamun</b> , P K Shukla: <i>Phys. Plasmas</i> (USA) <b>7</b> , 3499 (2000).                     | 2.25 |
| 37. | <b>A A Mamun</b> , P K Shukla: <i>Phys. Plasmas</i> (USA) <b>7</b> , 3762 (2000).                     | 2.25 |
| 38. | <b>A A Mamun</b> , P K Shukla: <i>Physica Scripta</i> (Sweden) <b>62</b> , 429 (2000).                | 2.73 |
| 39. | <b>A A Mamun</b> , P K Shukla: <i>Phys. Plasmas</i> (USA) <b>7</b> , 4412 (2000).                     | 2.25 |
| 40. | <b>A A Mamun</b> , P K Shukla: <i>Phys. Plasmas</i> (USA) <b>7</b> , 4766 (2000).                     | 2.25 |
| 41. | <b>A A Mamun</b> , P K Shukla: <i>Astrophys. J.</i> (USA) <b>548</b> , 269 (2001).                    | 6.28 |
| 42. | <b>A A Mamun</b> , P K Shukla: <i>Physica Scripta</i> (Sweden) <b>63</b> , 404(2001).                 | 2.73 |
| 43. | <b>A A Mamun</b> , P K Shukla: <i>Phys. Plasmas</i> (USA) <b>8</b> , 1090 (2001).                     | 2.25 |
| 44. | <b>A A Mamun</b> , P K Shukla: <i>Phys. Plasmas</i> (USA) <b>8</b> , 3513 (2001).                     | 2.25 |
| 45. | <b>A A Mamun</b> , P K Shukla: <i>Phys. Lett. A</i> (Netherlands) <b>290</b> , 173 (2001).            | 1.63 |
| 46. | <b>A A Mamun</b> , P K Shukla: <i>Physica Scripta</i> (Sweden) <b>T98</b> , 107 (2002).               | 1.25 |
| 47. | <b>A A Mamun</b> , P K Shukla: <i>JETP Lett.</i> (USA) <b>75</b> , 213 (2002).                        | 1.36 |
| 48. | <b>A A Mamun</b> , P K Shukla: <i>Phys. Plasmas</i> (USA) <b>9</b> , 1468 (2002).                     | 2.25 |
| 49. | <b>A A Mamun</b> , P K Shukla, L Stenflo: <i>Phys. Plasmas</i> (USA) <b>9</b> , 1474 (2002).          | 2.25 |
| 50. | <b>A A Mamun</b> , P K Shukla, R Bingham: <i>Phys. Lett. A</i> (Netherlands) <b>298</b> , 179 (2002). | 1.63 |
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| 52. | <b>A A Mamun</b> , P K Shukla: <i>IEEE Trans. Plasma Sci.</i> (USA) <b>30</b> , 720 (2002).           | 1.52 |
| 53. | <b>A A Mamun</b> , P K Shukla: <i>J. Geophys. Res.</i> (USA) <b>107</b> , 1135 (2002).                | 3.44 |
| 54. | <b>A A Mamun</b> , P K Shukla: <i>Geophys. Res. Lett.</i> (USA) <b>29</b> , 1870 (2002).              | 4.45 |
| 55. | <b>A A Mamun</b> , P K Shukla: <i>Phys. Plasmas</i> (USA) <b>10</b> , 1518 (2003).                    | 2.25 |

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| 56. A A Mamun, P K Shukla, R Bingham: <i>JETP Lett.</i> (USA) <b>77</b> , 541 (2003).                 | 1.36 |
| 57. A A Mamun, P K Shukla: <i>Phys. Plasmas</i> (USA) <b>10</b> , 4188 (2003).                        | 2.25 |
| 58. A A Mamun, P K Shukla: <i>Phys. Plasmas</i> (USA) <b>10</b> , 4341 (2003).                        | 2.25 |
| 59. A A Mamun, P K Shukla: <i>Physica Scripta</i> (Sweden) <b>69</b> , 41 (2004).                     | 2.03 |
| 60. A A Mamun, P. K. Shukla: <i>Physica Scripta</i> (Sweden) <b>T107</b> , 233 (2004).                | 2.03 |
| 61. A A Mamun, P. K. Shukla: <i>Physica Scripta</i> (Sweden) <b>T107</b> , 236 (2004).                | 2.03 |
| 62. A A Mamun, P K Shukla: <i>J. Plasma Phys.</i> (UK) <b>70</b> , 369 (2004).                        | 2.74 |
| 63. A A Mamun, P K Shukla, G E Morfill: <i>Phys. Lett. A</i> (Netherlands) <b>323</b> , 105 (2004).   | 1.63 |
| 64. A A Mamun, P K Shukla, G E Morfill: <i>Phys. Rev. Lett.</i> (USA) <b>92</b> , 095005 (2004).      | 7.73 |
| 65. A A Mamun, P K Shukla: <i>Geophys. Res. Lett.</i> (USA) <b>31</b> , L06808 (2004).                | 4.45 |
| 66. A A Mamun, P K Shukla: <i>Phys. Plasmas</i> (USA) <b>11</b> , 1757 (2004).                        | 2.25 |
| 67. A A Mamun, P K Shukla, G E Morfill: <i>Phys. Plasmas</i> (USA) <b>11</b> , 2307 (2004).           | 2.25 |
| 68. A A Mamun, B Eliasson, P K Shukla: <i>Phys. Plasmas</i> (USA) <b>11</b> , 4535 (2004).            | 2.25 |
| 69. A A Mamun, P K Shukla, R Bingham: <i>Physica Scripta</i> (Sweden) <b>T113</b> , 78 (2004).        | 2.03 |
| 70. A A Mamun, B Eliasson, P K Shukla: <i>Phys. Lett. A</i> (Netherlands) <b>332</b> , 412 (2004).    | 1.63 |
| 71. A A Mamun, P K Shukla: <i>Plasma Phys. Control. Fusion</i> (UK) <b>47</b> , A1-9 (2005).          | 2.38 |
| 72. A A Mamun, P K Shukla: <i>J. Plasma Phys.</i> (UK) <b>71</b> , 143 (2005).                        | 2.31 |
| 73. A A Mamun, P K Shukla: <i>Physica Scripta</i> (Sweden) <b>T116</b> , 42 (2005).                   | 2.03 |
| 74. A A Mamun, P K Shukla, G E Morfill: <i>J. Plasma Phys.</i> (UK) <b>71</b> , 389 (2005).           | 2.74 |
| 75. A A Mamun: <i>Phys. Lett. A</i> (Netherlands) <b>372</b> , 686 (2008).                            | 1.63 |
| 76. A A Mamun: <i>Phys. Lett. A</i> (Netherlands) <b>372</b> , 884 (2008).                            | 1.63 |
| 77. A A Mamun: <i>Phys. Lett. A</i> (Netherlands) <b>372</b> , 1490 (2008).                           | 1.63 |
| 78. A A Mamun: <i>Phys. Lett. A</i> (Netherlands) <b>372</b> , 4610 (2008).                           | 1.63 |
| 79. A A Mamun: <i>Phys. Rev. E</i> (USA) <b>77</b> , 026406 (2008).                                   | 2.23 |
| 80. A A Mamun, N Jahan: <i>Euro Phys. Lett.</i> (EU) <b>84</b> , 35001 (2008).                        | 2.27 |
| 81. A A Mamun: <i>J. Plasma Phys.</i> (UK) <b>75</b> , 389 (2009).                                    | 2.31 |
| 82. A A Mamun, N Jahan, P K Shukla: <i>J. Plasma Phys.</i> (UK) <b>75</b> , 413 (2009).               | 2.31 |
| 83. A A Mamun, R. A. Cairns: <i>Phys. Rev. E</i> (USA) <b>79</b> , 055401(R) (2009).                  | 2.23 |
| 84. A A Mamun, R A Cairns, P. K. Shukla: <i>Phys. Lett. A</i> (Netherlands) <b>373</b> , 2355 (2009). | 1.63 |
| 85. A A Mamun, P K Shukla: <i>Phys. Lett. A</i> (Netherlands) <b>373</b> , 3161 (2009).               | 1.63 |

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| 86. A A Mamun, P K Shukla: <i>Europhys. Lett.</i> (EU) <b>87</b> , 25001 (2009).                   | 2.27 |
| 87. A A Mamun, P K Shukla: <i>Phys. Rev. E</i> (USA) <b>80</b> , 037401 (2009).                    | 2.23 |
| 88. A A Mamun, P K Shukla: <i>New J. Phys.</i> (UK) <b>11</b> , 103022 (2009).                     | 3.67 |
| 89. A A Mamun, P K Shukla: <i>Europhys. Lett.</i> (EU) <b>87</b> , 55001 (2009).                   | 2.27 |
| 90. A A Mamun, P K Shukla, B Eliasson: <i>Phys. Rev. E</i> (USA) <b>80</b> , 046406 (2009).        | 2.23 |
| 91. A A Mamun, M S Rahman: <i>Chin. J. Phys.</i> (China) <b>47</b> , 654 (2009).                   | 0.43 |
| 92. A A Mamun, P K Shukla, B Eliasson: <i>Phys. Plasma</i> (USA) <b>16</b> , 114503 (2009).        | 2.25 |
| 93. A A Mamun, P K Shukla: <i>Phys. Lett. A</i> (Netherlands) <b>374</b> , 472 (2010).             | 1.63 |
| 94. A A Mamun, K S Ashrafi, M G M Anowar: <i>J. Plasma Phys.</i> (UK) <b>76</b> , 409 (2010).      | 2.73 |
| 95. A A Mamun, S Tasnim: <i>Phys. Plasmas</i> (USA) <b>17</b> , 073704 (2010).                     | 2.25 |
| 96. A A Mamun, K S Ashrafi, P K Shukla: <i>Phys Rev. E</i> (USA) <b>82</b> , 026405 (2010).        | 2.23 |
| 97. A A Mamun, P K Shukla: <i>Phys Lett. A</i> (Netherlands) <b>374</b> , 4238 (2010).             | 1.63 |
| 98. A A Mamun, P K Shukla: <i>Phys. Plasmas</i> (USA) <b>17</b> , 104504 (2010).                   | 2.25 |
| 99. A A Mamun, S Tasnim, P K Shukla: <i>IEEE Trans. Plasma Sci.</i> (USA) <b>38</b> , 3098 (2010). | 1.52 |
| 100. A A Mamun, P K Shukla: <i>Europhys. Lett.</i> (EU) <b>94</b> , 65002 (2011).                  | 2.27 |
| 101. A A Mamun, P K Shukla: <i>J. Plasma Phys.</i> (UK) <b>77</b> , 437 (2011).                    | 2.73 |
| 102. A A Mamun, S S Duha, P K Shukla: <i>J. Plasma Phys.</i> (UK) <b>77</b> , 617 (2011).          | 2.73 |
| 103. A A Mamun, A Mannan: <i>JETP Lett.</i> (USA) <b>94</b> , 356 (2011).                          | 1.36 |
| 104. A A Mamun: <i>Phys. Lett. A</i> (Netherlands) <b>375</b> , 4029 (2011).                       | 1.63 |
| 105. A A Mamun, S Islam: <i>J. Geophys. Res.</i> (USA) <b>116</b> , A12323 (2011).                 | 3.44 |
| 106. A A Mamun, F Deebea: <i>Plasma Phys. Rep.</i> (Russia) <b>38</b> , 370 (2012).                | 0.94 |
| 107. A A Mamun, P K Shukla, D A Mendis: <i>J. Plasma Phys.</i> (UK) <b>78</b> , 143 (2012).        | 2.31 |
| 108. A A Mamun, N Roy, P. K. Shukla: <i>J. Plasma Phys.</i> (UK) <b>78</b> , 683 (2012).           | 2.31 |
| 109. A A Mamun: <i>J. Plasma Phys.</i> (UK) <b>79</b> , 1045 (2013).                               | 2.31 |
| 110. A A Mamun, M S Zobaer: <i>Phys. Plasmas</i> (USA) <b>21</b> , 022101 (2014).                  | 2.25 |
| 111. A A Mamun: <i>Astrophys. Space Sci.</i> (Netherlands) <b>351</b> , 173 (2014).                | 2.40 |
| 112. A A Mamun: <i>Phys. Lett. A</i> (Netherlands) <b>378</b> , 1622 (2014).                       | 1.74 |
| 113. A A Mamun: <i>J. Plasma Phys.</i> (UK) <b>80</b> , 877 (2014).                                | 2.31 |
| 114. A A Mamun, M Ferdousi, S Sultana: <i>Physica. Scripta</i> (Sweden) <b>90</b> , 088011 (2015). | 2.15 |

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| 115. A A Mamun, F Deeba: <i>Plasma Phys. Rep.</i> (Russia) <b>41</b> , 667 (2015).            | 0.94 |
| 116. A A Mamun, R Schlikeiser: <i>Phys. Plasmas</i> (USA) <b>22</b> , 103702 (2015).          | 2.12 |
| 117. A A Mamun, R Schlikeiser: <i>Phys. Plasmas</i> (USA) <b>23</b> , 034502 (2016).          | 2.12 |
| 118. A A Mamun, M Amina, R Schlikeiser: <i>Phys. Plasmas</i> (USA) <b>23</b> , 034502 (2016). | 2.12 |
| 119. A A Mamun, M Amina, R Schlikeiser: <i>Phys. Plasmas</i> (USA) <b>24</b> , 042307 (2017). | 2.12 |
| 120. A A Mamun: <i>Phys. Plasmas</i> (USA) <b>24</b> , 102306 (2017).                         | 2.12 |
| 121. A A Mamun: <i>Phys. Plasmas</i> (USA) <b>25</b> , 022307 (2018).                         | 2.12 |
| 122. A A Mamun: <i>Phys. Plasmas</i> (USA) <b>25</b> , 024502 (2018).                         | 2.12 |
| 123. A A Mamun: <i>Phys. Plasmas</i> (USA) <b>26</b> , 084501 (2019).                         | 2.12 |
| 124. A A Mamun: <i>Contrib. Plasma Phys.</i> (Germany) <b>59</b> , 16555669 (2020).           | 1.34 |
| 125. A A Mamun: <i>Phys. Plasmas</i> (USA) <b>27</b> , 102303 (2020).                         | 2.12 |
| 126. A A Mamun, B. E. Sharmin: <i>AIP Advances</i> (USA) <b>10</b> , 125317 (2020).           | 1.62 |
| 127. AA Mamun, J Akther: <i>J. Plasma Phys.</i> (UK) doi: 10.1017/S0022377821000015 (2021).   | 1.91 |
| 128. A A Mamun: <i>Contrib. Plasma Phys.</i> (Germany) doi: 10.1002/CTPP.202000192 (2021).    | 1.34 |

## **II. Co-authored Articles:**

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| 129. U A Mofiz, A A Mamun: <i>Phys. Fluids B</i> (USA) <b>4</b> , 3806 (1992).                                  | 2.25 |
| 130. U A Mofiz, A A Mamun: <i>Phys. Fluids B</i> (USA) <b>5</b> , 1667 (1993).                                  | 2.25 |
| 131. M Salimullah, A A Mamun, F Majid: <i>Indian J. Phys.B</i> (India) <b>67</b> , 449 (1993).                  | 1.79 |
| 132. R A Cairns, A A Mamun, R Bingham---, P K Shukla: <i>Geophys. Res. Lett.</i> (USA) <b>22</b> , 2709 (1995). | 4.46 |
| 133. R A Cairns, A A Mamun, R Bingham, P K Shukla: <i>Physica Scripta</i> (Sweden) <b>T63</b> , 80 (1996).      | 1.03 |
| 134. M Salahuddin, A A Mamun, M Salimullah: <i>Il Nuovo Cimento D</i> (Italy) <b>20</b> , 1313 (1998).          | 0.38 |
| 135. M Salimullah, M Salahuddin, A A Mamun: <i>Astrophys. Space Sci.</i> (Netherlands) <b>262</b> , 215 (1999). | 2.40 |
| 136. C M Briceno, S M Russel, A A Mamun: <i>Planet. Space Sci.</i> (UK) <b>48</b> , 599 (2000).                 | 1.71 |
| 137. P K Shukla, A A Mamun: <i>Phys. Lett. A</i> (Netherlands) <b>271</b> , 402 (2000).                         | 1.63 |
| 138. P K Shukla, A A Mamun: <i>IEEE Trans. Plasma Sci.</i> (USA) <b>29</b> , 221 (2001).                        | 1.52 |
| 139. T Farid, A A Mamun, P K Shukla, M A Mirza: <i>Phys. Plasmas</i> (USA) <b>8</b> , 1529 (2001).              | 2.25 |
| 140. P K Shukla, A A Mamun: <i>Phys. Plasmas</i> (USA) <b>8</b> , 3126 (2001).                                  | 2.25 |
| 141. P K Shukla, A A Mamun: <i>J. Plasma Phys.</i> (UK) <b>65</b> , 97(2001).                                   | 2.31 |
| 142. P K Shukla, A A Mamun: <i>Physica Scripta</i> (Sweden) <b>64</b> , 351 (2001).                             | 2.15 |
| 143. A K Banerjee, M N Alam, A A Mamun: <i>Pramana - J. Phys.</i> (India) <b>56</b> , 643 (2001).               | 0.72 |

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| 144. P K Shukla, L Stenflo, <b>A A Mamun</b> : <i>J. Geophys. Res.</i> (USA) <b>107</b> , 1293 (2002).                | 3.44 |
| 145. P K Shukla, <b>A A Mamun</b> : <i>J. Geophys. Res.</i> (USA) <b>107</b> , 1401 (2002).                           | 3.44 |
| 146. P K Shukla, <b>A A Mamun</b> : <i>Phys. Lett. A</i> (Netherlands) <b>313</b> , 424 (2003).                       | 1.63 |
| 147. P K Shukla, <b>A A Mamun</b> , R Bingham: <i>JETP Lett.</i> (USA) <b>78</b> , 99 (2003).                         | 1.52 |
| 148. A K Banerjee, <b>A A Mamun</b> : <i>Pramana - J. Phys.</i> (India) <b>61</b> , 177 (2003).                       | 0.72 |
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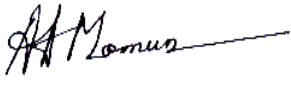
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