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## Correction: Crystal growth of two-dimensional organic–inorganic hybrid perovskites and their application in photovoltaics

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Correction for 'Crystal growth of two-dimensional organic–inorganic hybrid perovskites and their application in photovoltaics' by Yuling Zhang *et al.*, *J. Mater. Chem. A*, 2023, <https://doi.org/10.1039/D3TA01496G>.

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The authors regret errors which appeared in Fig. 4 and 5a of the published article, where the structures of two given compounds were incorrectly shown. The corrected version of Fig. 4 and 5a are shown below:

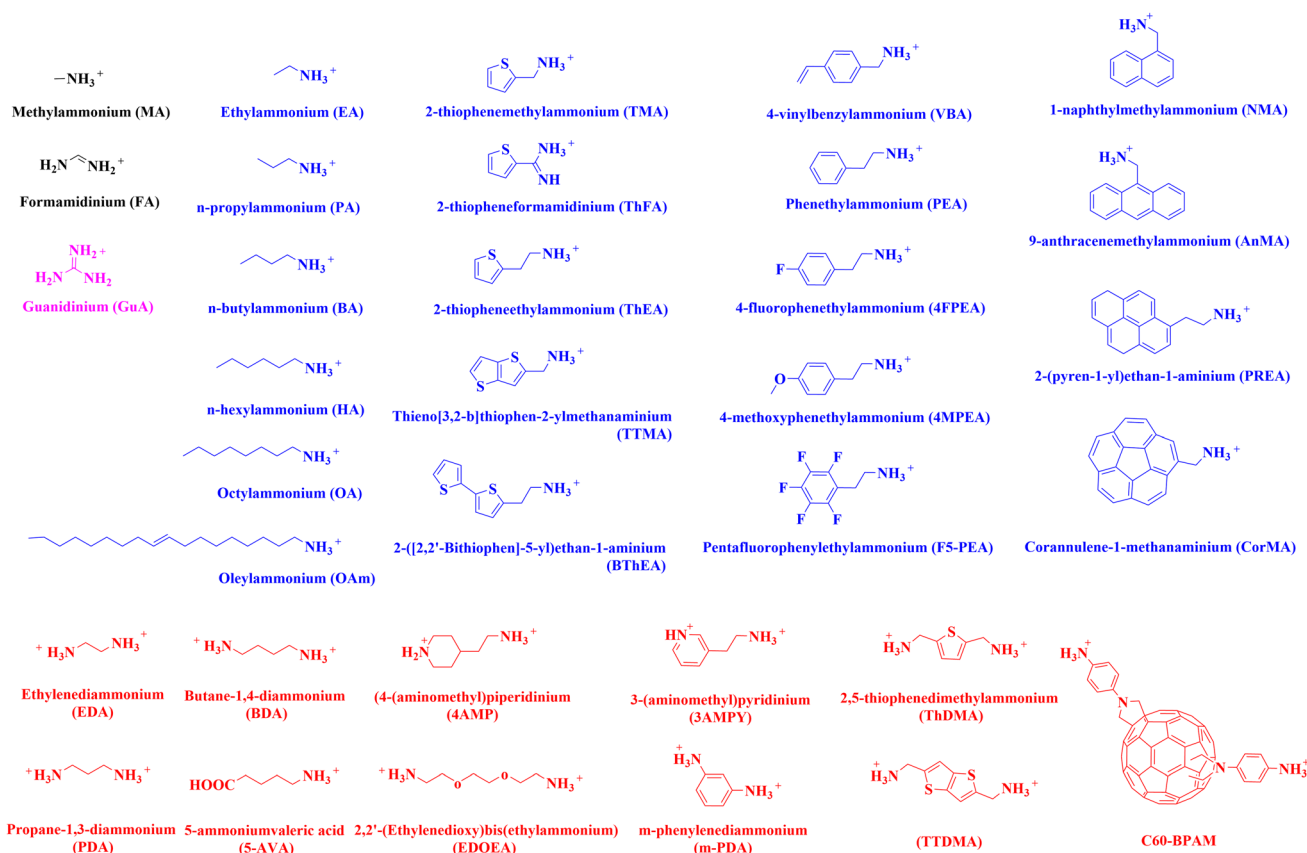


Fig. 4 Chemical structure of the commonly used A-site organic cations for fabricating R–P (blue color), D–J (red color), and ACI (pink color) perovskite films. GuA,<sup>27,49</sup> EA,<sup>50</sup> PA,<sup>45</sup> BA,<sup>18,21,26,51–56</sup> HA,<sup>14</sup> OA,<sup>57,58</sup> OAm,<sup>57</sup> TMA,<sup>59</sup> ThFA,<sup>60</sup> ThEA,<sup>7,61,62</sup> BThEA,<sup>63</sup> VBA,<sup>64,65</sup> PEA,<sup>66</sup> 4FPEA,<sup>47,67,68</sup> 4MPEA,<sup>48</sup> F5-PEA,<sup>69,70</sup> NMA,<sup>71</sup> AnMA,<sup>72</sup> PREA,<sup>73</sup> CorMA,<sup>74</sup> EDA,<sup>23,24</sup> PDA,<sup>75,76</sup> BDA,<sup>76,77</sup> AVA,<sup>78,79</sup> EDOEA,<sup>80</sup> 4AMP,<sup>19</sup> 3AMPY,<sup>81</sup> *m*-DMPA,<sup>37</sup> ThDMA,<sup>46</sup> TTDMA,<sup>82</sup> and C<sub>60</sub>-BPAM.<sup>83</sup>

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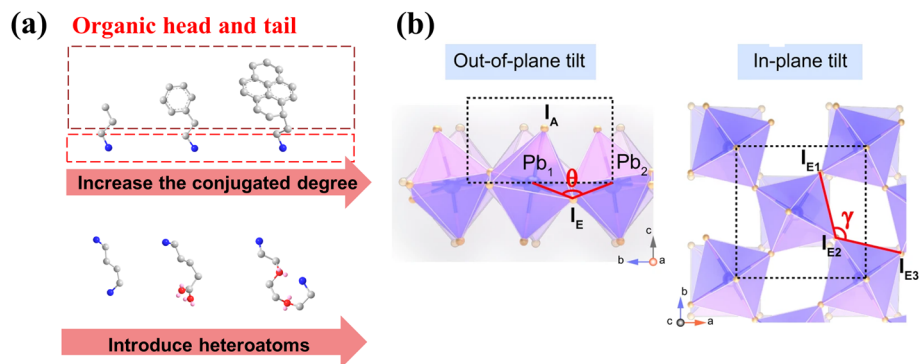


Fig. 5 (a) The further developing direction of organic cations for the 2D perovskite: adjustment of the conjugation degree and the introduction of multifunctional heteroatoms. (b) Illustration of the out-of-plane tilt and in-plane tilt of the  $[\text{PbX}_6]^{4-}$  framework. The  $\theta$ ,  $\gamma$  represent the tilt degree of the octahedron. Reproduced with permission.<sup>8</sup> Copyright 2022 Springer.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

