|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| name | E\_O/eV | E\_H/eV | E\_CO2/eV | E\_CO/eV |
| Ag\_Co | 0.420556 | -0.29126 | -0.2154 | -2.33778 |
| Ag\_Cr | -1.29417 | -0.06932 | -0.55266 | -2.20352 |
| Ag\_Fe | -0.09741 | -0.32693 | -0.4661 | -2.58491 |
| Ag\_Ir | 1.097783 | -0.70461 | 0.0603 | -2.55684 |
| Ag\_Mn | -0.69349 | -0.27392 | -0.6392 | -2.59237 |
| Ag\_Mo | -1.42292 | -0.29354 | -0.7882 | -2.56587 |
| Ag\_Os | -0.16917 | -0.81183 | -0.4401 | -3.0549 |
| Ag\_Re | -1.27865 | -0.71325 | -0.7397 | -3.08243 |
| Ag\_Ru | 0.401478 | -0.49323 | -0.3515 | -2.69537 |
| Ag\_Ta | -2.14492 | -0.30886 | -1.082 | -2.15923 |
| Ag\_Tc | -0.80362 | -0.45615 | -0.6179 | -2.81404 |
| Ag\_V | -1.59849 | -0.06047 | -0.8351 | -2.00839 |
| Ag\_W | -2.04263 | -0.50969 | -1.0117 | -2.77271 |
| Au\_Co | 1.265792 | -0.07887 | 0.3733 | -1.97175 |
| Au\_Cr | -0.47431 | -1.83212 | 0.105581 | 0.29772 |
| Au\_Fe | 0.73728 | -0.1428 | 0.2343 | -2.17984 |
| Au\_Ir | 1.52641 | -2.19685 | -0.4635 | 0.699409 |
| Au\_Mn | 0.061009 | -0.10269 | 0.1467 | -2.17424 |
| Au\_Mo | -0.65965 | -1.94005 | 0.000908 | 0.307236 |
| Au\_Os | 0.428914 | -2.55049 | -0.55709 | 0.379894 |
| Au\_Re | -0.52798 | -2.41719 | -0.46199 | 0.310027 |
| Au\_Ru | 0.922749 | -0.38067 | 0.247 | -2.36111 |
| Au\_Ta | -1.07215 | -1.54017 | 0.211358 | 0.277347 |
| Au\_Tc | -0.19715 | -0.3443 | 0.1288 | -2.3868 |
| Au\_V | -0.84224 | 0.213106 | 0.122 | -1.64636 |
| Au\_W | -1.17238 | -2.09188 | -0.19484 | 0.212967 |
| Cu\_Co | -0.14784 | -0.21505 | -0.4628 | -2.3666 |
| Cu\_Cr | -1.16078 | -0.06876 | -0.865 | -2.21112 |
| Cu\_Fe | -0.51006 | -0.2156 | -0.6722 | -2.54118 |
| Cu\_Ir | 0.407833 | -0.58578 | -0.2194 | -2.5097 |
| Cu\_Mn | -0.64865 | -0.15586 | -0.7911 | -2.47534 |
| Cu\_Mo | -1.25155 | -0.73485 | -0.7996 | -2.23833 |
| Cu\_Os | -0.13151 | -0.60824 | -0.5394 | -2.86272 |
| Cu\_Re | -1.15528 | -0.50853 | -0.7315 | -2.78193 |
| Cu\_Ru | 0.388724 | -0.30908 | -0.5058 | -2.54854 |
| Cu\_Ta | -1.77647 | -0.2489 | -1.1292 | -1.86769 |
| Cu\_Tc | -0.74554 | -0.25052 | -0.6805 | -2.54647 |
| Cu\_V | -1.40356 | 0.027146 | -0.9254 | -1.81855 |
| Cu\_W | -1.78465 | -0.39129 | -0.9721 | -2.43821 |
| Ni\_Co | 1.216609 | -0.20635 | -0.07 | -2.15709 |
| Ni\_Cr | -0.14151 | 0.163051 | -0.4421 | -1.61682 |
| Ni\_Fe | 0.669756 | -0.17171 | -0.1871 | -2.15909 |
| Ni\_Ir | 1.289543 | -0.51973 | -0.0135 | -2.2669 |
| Ni\_Mn | 0.163913 | -0.05726 | -0.1664 | -1.94133 |
| Ni\_Mo | -0.23976 | 0.251494 | -0.1165 | -1.42178 |
| Ni\_Os | 0.331197 | -0.39497 | 0.0136 | -2.17313 |
| Ni\_Re | -0.31458 | -0.15948 | -0.305 | -1.80423 |
| Ni\_Ru | 0.753134 | -0.20116 | -0.0658 | -2.10421 |
| Ni\_Ta | -0.25836 | 0.393254 | -0.2104 | -1.14839 |
| Ni\_Tc | -0.05907 | -0.01444 | -0.0477 | -1.77172 |
| Ni\_V | -0.11816 | 0.48666 | -0.0934 | -1.26572 |
| Ni\_W | -0.57346 | 0.123517 | -0.0745 | -1.48302 |
| Pt\_Co | 0.630747 | 0.005265 | 0.05501 | -1.85752 |
| Pt\_Cr | 0.113354 | 0.241697 | 0.20854 | -1.4189 |
| Pt\_Fe | 0.989116 | -0.0413 | 0.157075 | -1.87653 |
| Pt\_Ir | 1.464066 | -0.47454 | 0.155515 | -2.24906 |
| Pt\_Mn | 0.466366 | 0.058381 | 0.134021 | -1.70884 |
| Pt\_Mo | -0.03901 | 0.370604 | -0.00904 | -1.27187 |
| Pt\_Os | 0.4837 | -0.37729 | 0.077576 | -2.10756 |
| Pt\_Re | -0.16 | -0.12962 | 0.175927 | -1.63897 |
| Pt\_Ru | 0.938547 | -0.14679 | 0.164007 | -2.02198 |
| Pt\_Ta | 0.167152 | 0.738235 | -0.07953 | -0.98884 |
| Pt\_Tc | 0.085934 | 0.031458 | 0.064424 | -1.63945 |
| Pt\_V | 0.180359 | 0.672037 | 0.119439 | -1.13002 |
| Pt\_W | -0.31887 | 0.288158 | 0.031656 | -1.32266 |
| Co\_Co | 0.022756 | 0.404726 | 0.174453 | -1.4233 |
| Co\_Cr | 0.349613 | 0.201027 | -0.15438 | -1.67442 |
| Co\_Fe | 1.407772 | 0.012469 | 0.075265 | -1.83575 |
| Co\_Ir | 2.799158 | 0.495524 | 0.208555 | -0.68253 |
| Co\_Mn | 3.201122 | 0.964892 | 0.210821 | -0.00985 |
| Co\_Mo | 0.445731 | 0.796056 | -0.17653 | -0.74417 |
| Co\_Os | -0.0944 | 0.447167 | 0.070343 | -1.27517 |
| Co\_Re | 1.904573 | -0.03029 | 0.210299 | -1.69368 |
| Co\_Ru | 3.774922 | 0.757693 | 0.222683 | -0.2341 |
| Co\_Ta | 0.57956 | 0.720482 | -0.21528 | -0.8067 |
| Co\_Tc | -0.25327 | 0.432499 | -0.03072 | -1.08013 |
| Co\_V | -0.1586 | 0.070998 | 0.255478 | -1.63852 |
| Co\_W | 0.551225 | -0.12565 | 0.211724 | -1.83119 |