

Giovanni A Cavagna

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

464
citations

1162367
8
h-index

1473754
9
g-index

9
all docs

9
docs citations

9
times ranked

332
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | The mechanics of sprint running. <i>Journal of Physiology</i> , 1971, 217, 709-721. | 1.3 | 165 |
| 2 | Effect of stretching on the elastic characteristics and the contractile component of frog striated muscle. <i>Journal of Physiology</i> , 1974, 239, 1-14. | 1.3 | 147 |
| 3 | Symmetry and Asymmetry in Bouncing Gaits. <i>Symmetry</i> , 2010, 2, 1270-1321. | 1.1 | 36 |
| 4 | Locomotion of bluefish. <i>The Journal of Experimental Zoology</i> , 1976, 195, 223-235. | 1.4 | 29 |
| 5 | The series elastic component of frog gastrocnemius. <i>Journal of Physiology</i> , 1970, 206, 257-262. | 1.3 | 27 |
| 6 | The two asymmetries of the bouncing step. <i>European Journal of Applied Physiology</i> , 2009, 107, 739-742. | 1.2 | 23 |
| 7 | Running, hopping and trotting: tuning step frequency to the resonant frequency of the bouncing system favors larger more compliant animals. <i>Journal of Experimental Biology</i> , 2015, 218, 3276-83. | 0.8 | 16 |
| 8 | Running humans attain optimal elastic bounce in their teens. <i>Scientific Reports</i> , 2013, 3, 1310. | 1.6 | 15 |
| 9 | The phase shift between potential and kinetic energy in human walking. <i>Journal of Experimental Biology</i> , 2020, 223, . | 0.8 | 6 |