

Alaa A Ahmed

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,344
citations

516710

16
h-index

434195

31
g-index

38
all docs

38
docs citations

38
times ranked

1052
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Précis of <i>Vigor: Neuroeconomics of Movement Control</i> . Behavioral and Brain Sciences, 2021, 44, e123. | 0.7 | 27 |
| 2 | Movement control, decision-making, and the building of Roman roads to link them. Behavioral and Brain Sciences, 2021, 44, e138. | 0.7 | 0 |
| 3 | Walking: How visual exploration informs step choice. Current Biology, 2021, 31, R376-R378. | 3.9 | 2 |
| 4 | Using metabolic energy to quantify the subjective value of physical effort. Journal of the Royal Society Interface, 2021, 18, 20210387. | 3.4 | 7 |
| 5 | Whole body adaptation to novel dynamics does not transfer between effectors. Journal of Neurophysiology, 2021, 126, 1345-1360. | 1.8 | 2 |
| 6 | Role of muscle coactivation in adaptation of standing posture during arm reaching. Journal of Neurophysiology, 2020, 123, 529-547. | 1.8 | 8 |
| 7 | Saccade vigor and the subjective economic value of visual stimuli. Journal of Neurophysiology, 2020, 123, 2161-2172. | 1.8 | 21 |
| 8 | Asymmetric valuation of gains and losses in effort-based decision making. PLoS ONE, 2019, 14, e0223268. | 2.5 | 5 |
| 9 | Movement Vigor as a Reflection of Subjective Economic Utility. Trends in Neurosciences, 2019, 42, 323-336. | 8.6 | 116 |
| 10 | To break a habit, timing™s everything. Nature Human Behaviour, 2019, 3, 1244-1245. | 12.0 | 1 |
| 11 | Poor estimates of motor variability are associated with longer grooved pegboard times for middle-aged and older adults. Journal of Neurophysiology, 2019, 121, 588-601. | 1.8 | 16 |
| 12 | Control of movement vigor and decision making during foraging. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10476-E10485. | 7.1 | 83 |
| 13 | Vigor of reaching movements: reward discounts the cost of effort. Journal of Neurophysiology, 2018, 119, 2347-2357. | 1.8 | 131 |
| 14 | Contributions of metabolic and temporal costs to human gait selection. Journal of the Royal Society Interface, 2018, 15, 20180197. | 3.4 | 31 |
| 15 | Rationality in Human Movement. Exercise and Sport Sciences Reviews, 2016, 44, 20-28. | 3.0 | 16 |
| 16 | A Representation of Effort in Decision-Making and Motor Control. Current Biology, 2016, 26, 1929-1934. | 3.9 | 189 |
| 17 | Trial-to-trial adaptation in control of arm reaching and standing posture. Journal of Neurophysiology, 2016, 116, 2936-2949. | 1.8 | 7 |
| 18 | Threat affects risk preferences in movement decision making. Frontiers in Behavioral Neuroscience, 2015, 9, 150. | 2.0 | 11 |

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|----|--|-----|-----------|
| 19 | Reward feedback accelerates motor learning. <i>Journal of Neurophysiology</i> , 2015, 113, 633-646. | 1.8 | 130 |
| 20 | Older adults learn less, but still reduce metabolic cost, during motor adaptation. <i>Journal of Neurophysiology</i> , 2014, 111, 135-144. | 1.8 | 49 |
| 21 | Transfer of postural adaptation depends on context of prior exposure. <i>Journal of Neurophysiology</i> , 2014, 111, 1466-1478. | 1.8 | 15 |
| 22 | Reductions in muscle coactivation and metabolic cost during visuomotor adaptation. <i>Journal of Neurophysiology</i> , 2014, 112, 2264-2274. | 1.8 | 21 |
| 23 | Take a stand on your decisions, or take a sit: posture does not affect risk preferences in an economic task. <i>PeerJ</i> , 2014, 2, e475. | 2.0 | 3 |
| 24 | The persistent impact of incidental experience. <i>Psychonomic Bulletin and Review</i> , 2013, 20, 1221-1231. | 2.8 | 8 |
| 25 | Does risk-sensitivity transfer across movements?. <i>Journal of Neurophysiology</i> , 2013, 109, 1866-1875. | 1.8 | 31 |
| 26 | Learning from the value of your mistakes: evidence for a risk-sensitive process in movement adaptation. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 118. | 2.1 | 15 |
| 27 | Stability limits modulate whole-body motor learning. <i>Journal of Neurophysiology</i> , 2012, 107, 1952-1961. | 1.8 | 25 |
| 28 | Reduction of Metabolic Cost during Motor Learning of Arm Reaching Dynamics. <i>Journal of Neuroscience</i> , 2012, 32, 2182-2190. | 3.6 | 144 |
| 29 | Tradeoff between Stability and Maneuverability during Whole-Body Movements. <i>PLoS ONE</i> , 2011, 6, e21815. | 2.5 | 32 |
| 30 | Transfer of Dynamic Learning Across Postures. <i>Journal of Neurophysiology</i> , 2009, 102, 2816-2824. | 1.8 | 40 |
| 31 | Flexible Representations of Dynamics Are Used in Object Manipulation. <i>Current Biology</i> , 2008, 18, 763-768. | 3.9 | 56 |
| 32 | On Use of a Nominal Internal Model to Detect a Loss of Balance in a Maximal Forward Reach. <i>Journal of Neurophysiology</i> , 2007, 97, 2439-2447. | 1.8 | 15 |
| 33 | Effect of age on detecting a loss of balance in a seated whole-body balancing task. <i>Clinical Biomechanics</i> , 2005, 20, 767-775. | 1.2 | 11 |
| 34 | Is a "loss of balance" a control error signal anomaly? Evidence for three-sigma failure detection in young adults. <i>Gait and Posture</i> , 2004, 19, 252-262. | 1.4 | 19 |