

# Eve Charbonneau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10213041/publications.pdf>

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2258059

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#	ARTICLE	IF	CITATIONS
1	Optimal 3D arm strategies for maximizing twist rotation during somersault of a rigid-body model. <i>Multibody System Dynamics</i> , 2021, 52, 193-209.	2.7	11
2	Bioptim, a Python Framework for Musculoskeletal Optimal Control in Biomechanics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2023, 53, 321-332.	9.3	6
3	Optimal estimation of complex aerial movements using dynamic optimisation. <i>Sports Biomechanics</i> , 0, , 1-16.	1.6	5
4	Optimal Control as a Tool for Innovation in Aerial Twisting on a Trampoline. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8363.	2.5	4
5	Optimal forward twisting pike somersault without self-collision. <i>Sports Biomechanics</i> , 2022, , 1-18.	1.6	1