

# Vincent Berenz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8247270/publications.pdf>

Version: 2024-02-01

11  
papers

351  
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1163117  
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times ranked

261  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | An Open Torque-Controlled Modular Robot Architecture for Legged Locomotion Research. IEEE Robotics and Automation Letters, 2020, 5, 3650-3657.                          | 5.1  | 115       |
| 2  | Safe and Fast Tracking on a Robot Manipulator: Robust MPC and Neural Network Control. IEEE Robotics and Automation Letters, 2020, 5, 3050-3057.                         | 5.1  | 92        |
| 3  | Real-Time Perception Meets Reactive Motion Generation. IEEE Robotics and Automation Letters, 2018, 3, 1864-1871.  | 5.1  | 50        |
| 4  | A Value-Driven Eldercare Robot: Virtual and Physical Instantiations of a Case-Supported Principle-Based Behavior Paradigm. Proceedings of the IEEE, 2019, 107, 526-540. | 21.3 | 28        |
| 5  | Learning to Play Table Tennis From Scratch Using Muscular Robots. IEEE Transactions on Robotics, 2022, 38, 3850-3860.   | 10.3 | 20        |
| 6  | Emotionally Assisted Human-Robot Interaction Using a Wearable Device for Reading Facial Expressions. Advanced Robotics, 2012, 26, 1143-1159.                            | 1.8  | 17        |
| 7  | The Playful Software Platform: Reactive Programming for Orchestrating Robotic Behavior. IEEE Robotics and Automation Magazine, 2018, 25, 49-60.                         | 2.0  | 10        |
| 8  | TDM: A software framework for elegant and rapid development of autonomous behaviors for humanoid robots. , 2011, , .  |      | 9         |
| 9  | Learning event-triggered control from data through joint optimization. IFAC Journal of Systems and Control, 2021, 16, 100144.   | 1.7  | 8         |
| 10 | Usability benchmarks of the Targets-Drives-Means robotic architecture. , 2012, , .  |      | 2         |
| 11 | Learning Sensory-Motor Associations from Demonstration. , 2020, , .   |      | 0         |