

# Waleed Salman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4310401/publications.pdf>

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9  
papers

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1162367  
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#	ARTICLE	IF	CITATIONS
1	A high-efficiency energy regenerative shock absorber using supercapacitors for renewable energy applications in range extended electric vehicle. <i>Applied Energy</i> , 2016, 178, 177-188.	5.1	193
2	A portable high-efficiency electromagnetic energy harvesting system using supercapacitors for renewable energy applications in railroads. <i>Energy Conversion and Management</i> , 2016, 118, 287-294.	4.4	161
3	Design of a Fatigue Detection System for High-Speed Trains Based on Driver Vigilance Using a Wireless Wearable EEG. <i>Sensors</i> , 2017, 17, 486.	2.1	108
4	A high-efficiency energy regenerative shock absorber using helical gears for powering low-wattage electrical device of electric vehicles. <i>Energy</i> , 2018, 159, 361-372.	4.5	71
5	A portable renewable solar energy-powered cooling system based on wireless power transfer for a vehicle cabin. <i>Applied Energy</i> , 2017, 195, 334-343.	5.1	59
6	A portable solar-powered air-cooling system based on phase-change materials for a vehicle cabin. <i>Energy Conversion and Management</i> , 2017, 150, 148-158.	4.4	39
7	A Novel Steering System for a Space-Saving 4WS4WD Electric Vehicle: Design, Modeling, and Road Tests. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017, 18, 114-127.	4.7	37
8	A novel energy regenerative shock absorber for in-wheel motors in electric vehicles. <i>Mechanical Systems and Signal Processing</i> , 2022, 181, 109488.	4.4	14
9	A Novel Multi-Sensor Environmental Perception Method Using Low-Rank Representation and a Particle Filter for Vehicle Reversing Safety. <i>Sensors</i> , 2016, 16, 848.	2.1	10