

# Sebastian A Will

## List of Publications by Year in descending order

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28  
papers

2,857  
citations

471509

17  
h-index

677142

22  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2148  
citing authors

#	ARTICLE	IF	CITATIONS
1	High phase-space density gas of NaCs Feshbach molecules. Physical Review Research, 2022, 4, .	3.6	13
2	Laser cooling scheme for the carbon dimer ( $TJ ETQq0 0 0 rgBT /Overlock 10 Tf 50 717 Td$ (xmlns:mml="http://www.w3.org/1998/Math/MathML")	2.5	1
3	Overlapping Bose-Einstein condensates of $^{23}\text{Na}$ and $^{40}\text{K}$ molecules. Physical Review A, 2021, 104, .	2.5	17
4	Resonant Dipolar Collisions of Ultracold Molecules Induced by Microwave Dressing. Physical Review Letters, 2020, 125, 063401.	7.8	28
5	Second-scale nuclear spin coherence time of ultracold $^{23}\text{Na}$ $^{40}\text{K}$ molecules. Science, 2017, 357, 372-375.	12.6	94
6	Coherent Microwave Control of Ultracold $^{23}\text{Na}$ $^{40}\text{K}$ Molecules. Physical Review A, 2017, 95, 043401.	7.8	64
7	Observation of coherent quench dynamics in a metallic many-body state of fermionic atoms. Nature Communications, 2015, 6, 6009.	7.8	407
8	Observation of coherent quench dynamics in a metallic many-body state of fermionic atoms. Nature Communications, 2015, 6, 6009.	12.8	30
9	Two-photon pathway to ultracold ground state molecules of $^{23}\text{Na}$ $^{40}\text{K}$ . New Journal of Physics, 2015, 17, 075016.	2.9	38
10	Coherent quench dynamics in the one-dimensional Fermi-Hubbard model. Physical Review A, 2014, 90, .	2.5	12
11	Hubbard Models for Bosons and Fermions. Springer Theses, 2013, , 59-82.	0.1	0
12	Quantum Revival Spectroscopy and Multi-Body Interactions. Springer Theses, 2013, , 151-192.	0.1	0
13	Towards Strongly Interacting Bosons and Fermions. Springer Theses, 2013, , 13-58.	0.1	0
14	Interacting Mixtures of Bosons and Fermions in Optical Lattice Potentials. Springer Theses, 2013, , 193-207.	0.1	1
15	Experimental Apparatus. Springer Theses, 2013, , 99-120.	0.1	0
16	Interacting Fermions in Optical Lattice Potentials. Springer Theses, 2013, , 121-150.	0.1	0
17	Fermionic transport and out-of-equilibrium dynamics in a homogeneous Hubbard model with ultracold atoms. Nature Physics, 2012, 8, 213-218.	16.7	336
18	Ultracold Fermionic Feshbach Molecules of $^{23}\text{Na}$ $^{40}\text{K}$ . Physical Review Letters, 2012, 109, 085301.	7.8	186

#	ARTICLE	IF	CITATIONS
19	Quantum degenerate Bose-Fermi mixture of chemically different atomic species with widely tunable interactions. Physical Review A, 2012, 85, .	2.5	100
20	Creating exotic condensates via quantum-phase-revival dynamics in engineered lattice potentials. Physical Review A, 2011, 84, .	2.5	18
21	Coherent Interaction of a Single Fermion with a Small Bosonic Field. Physical Review Letters, 2011, 106, 115305.	7.8	73
22	STRONGLY CORRELATED BOSONS AND FERMIONS IN OPTICAL LATTICES. , 2010, , .		0
23	Time-resolved observation of coherent multi-body interactions in quantum phase revivals. Nature, 2010, 465, 197-201.	27.8	251
24	Anomalous Expansion of Attractively Interacting Fermionic Atoms in an Optical Lattice. Science, 2010, 327, 1621-1624. <a href="http://www.w3.org/1998/Math/MathML">Role of Interactions in</a> $\langle \langle \text{Rb} \rangle \rangle$	12.6	83
25	$\langle \langle 87 \rangle \rangle$ $\hat{a}^{\dagger}$ $\langle \langle K \rangle \rangle$ $\langle \langle 40 \rangle \rangle$ Bose-Fermi Mixtures in a 3D Optical Lattice.	7.8	138
26	Metallic and Insulating Phases of Repulsively Interacting Fermions in a 3D Optical Lattice. Science, 2008, 322, 1520-1525.	12.6	620
27	Trapping of ultracold atoms in a hollow-core photonic crystal fiber. Physical Review A, 2008, 78, .	2.5	72
28	Long Phase Coherence Time and Number Squeezing of Two Bose-Einstein Condensates on an Atom Chip. Physical Review Letters, 2007, 98, 030407.	7.8	275