

Stuart Brown

List of Publications by Year in descending order

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28
papers

1,372
citations

567281

15
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1597
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraints on the superconducting order parameter in Sr ₂ RuO ₄ from oxygen-17 nuclear magnetic resonance. Nature, 2019, 574, 72-75.	27.8	264
2	Charge Ordering in the TMTTF Family of Molecular Conductors. Physical Review Letters, 2000, 85, 1698-1701.	7.8	250
3	Recent Topics of Organic Superconductors. Journal of the Physical Society of Japan, 2012, 81, 011004.	1.6	106
4	Competition and coexistence of bond and charge orders in(TMTTF) ₂ AsF ₆ . Physical Review B, 2002, 66, .	3.2	105
5	Electron-lattice coupling and broken symmetries of the molecular salt(TMTTF) ₂ SbF ₆ . Physical Review B, 2004, 70, .	3.2	81
6	Ultrafast rotation in an amphidynamic crystalline metal organic framework. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13613-13618.	7.1	74
7	Quantum phase diagram of the antiferromagnet $S_{1/3}Ba_{3/2}O_{9/2}$. Physical Review B, 2015, 91, .	3.2	71
8	Rotational Dynamics of Diazabicyclo[2.2.2]octane in Isomorphous Halogen-Bonded Co-crystals: Entropic and Enthalpic Effects. Journal of the American Chemical Society, 2017, 139, 843-848.	13.7	71
9	Evidence from ⁷⁷ Se Knight shifts for triplet superconductivity in(TMTSF) ₂ PF ₆ . Physical Review B, 2003, 68, .	3.2	66
10	Microscopic Study of the Fulde-Ferrell-Larkin-Ovchinnikov State in an All-Organic Superconductor. Physical Review Letters, 2016, 116, 067003.	7.8	66
11	Evidence for even parity unconventional superconductivity in Sr ₂ RuO ₄ . Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	54
12	Hall Effect in the Normal Phase of the Organic Superconductor(TMTSF) ₂ PF ₆ . Physical Review Letters, 2000, 84, 2674-2677.	7.8	42
13	Dipolar order in an amphidynamic crystalline metal-organic framework through reorienting linkers. Nature Chemistry, 2021, 13, 278-283.	13.6	26
14	Unconventional Superconductivity in a Quasi-One-Dimensional System (TMTSF) ₂ X. Journal of the Physical Society of Japan, 2006, 75, 051011.	1.6	21
15	Impurity moments conceal low-energy relaxation of quantum spin liquids. Physical Review B, 2020, 101, Nonuniversal magnetization at the BEC critical field: Application to the spin dimer compound	3.2	19
16	$Ba_{3/2}MnO_9$	3.2	10
17	Proton NMR measurements of the local magnetic field in the paramagnetic metal and antiferromagnetic insulator phases of $(\text{BETS})_2\text{FeCl}_4$. Physical Review B, 2006, 74, .	3.2	9
18	Magnetic model of the tetragonal-orthorhombic transition in the cuprates. Physical Review B, 2006, 74, .	3.2	7

#	ARTICLE	IF	CITATIONS
19	77 Se NMR studies on magic angle effect and nature of the superconducting state in the organic superconductors (TMTSF) ₂ X. Journal of Low Temperature Physics, 2006, 142, 227-232.	1.4	6
20	S77eNMR investigation of the field-induced spin-density-wave transitions in (TMTSF) ₂ ClO ₄ . Physical Review B, 2008, 78, .	3.2	5
21	77Se NMR measurements of the field-induced spin-density-wave transition in the organic conductor (TMTSF) ₂ ClO ₄ . Physical Review B, 2008, 78, .	3.2	4
22	Disorder and slowing magnetic dynamics in (TMTSF) ₂ ClO ₄ . Physical Review B, 2020, 102, .	3.2	1
23	Seo et al. Reply. Physical Review Letters, 2014, 113, 029702.	7.8	3
24	Nuclear magnetic resonance investigation of the heavy fermion system Ce ₂ CoAl ₇ Ge ₄ . Physical Review B, 2017, 96, .	3.2	3
25	77 Se NMR Studies on Magic Angle Effect and Nature of the Superconducting State in the Organic Superconductors (TMTSF) ₂ X. Journal of Low Temperature Physics, 2007, 142, 231-236.	1.4	2
26	Critical temperature T _c and Pauli limited critical field of Sr ₂ RuO ₄ : Uniaxial strain dependence. Physical Review B, 2020, 102, .	3.2	2
27	H ¹ -NMR spin-echo measurements of the spin dynamic properties in (BETS) ₂ FeCl ₄ . Physical Review B, 2007, 75, .	3.2	1
28	Anisotropic properties, charge ordering, and ferrimagnetic structures in the strongly correlated single crystal. Physical Review Materials, 2020, 4, .		