

Sylvain D Brechet

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

300
citations

1162889

8
h-index

1125617

13
g-index

38
all docs

38
docs citations

38
times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin caloritronics, origin and outlook. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 825-837.	0.9	84
2	Lagrange Equations Coupled to a Thermal Equation: Mechanics as Consequence of Thermodynamics. Entropy, 2011, 13, 367-378.	1.1	33
3	Thermodynamics of a continuous medium with electric and magnetic dipoles. European Physical Journal B, 2013, 86, 1.	0.6	32
4	Heat-driven spin currents on large scales. Physica Status Solidi - Rapid Research Letters, 2011, 5, 423-425.	1.2	30
5	Thermodynamics of continuous media with electromagnetic fields. European Physical Journal B, 2012, 85, 1.	0.6	28
6	Thermodynamics of continuous media with intrinsic rotation and magnetoelectric coupling. Continuum Mechanics and Thermodynamics, 2014, 26, 115-142.	1.4	27
7	MAGNETOELECTRIC PONDEROMOTIVE FORCE. Modern Physics Letters B, 2013, 27, 1350150.	1.0	26
8	Evidence for a Magnetic Seebeck Effect. Physical Review Letters, 2013, 111, 087205.	2.9	22
9	Magnetic Contribution to the Seebeck Effect. Entropy, 2018, 20, 912.	1.1	5
10	Vacuum decay on a brane world. Physical Review D, 2005, 71, .	1.6	2
11	Quantum description of a rotating and vibrating molecule. European Physical Journal D, 2015, 69, 1.	0.6	2
12	Magnetoelectric effect in a hydrogen molecule. Modern Physics Letters B, 2014, 28, 1450070.	1.0	1
13	Magnetic Nernst effect. Modern Physics Letters B, 2015, 29, 1550246.	1.0	1
14	Thermodynamic System and First Law. , 2018, , 3-25.		0
15	Entropy and Second Law. , 2018, , 26-48.		0
16	Thermodynamics of Subsystems. , 2018, , 49-69.		0
17	Thermodynamic Potentials. , 2018, , 70-100.		0
18	Calorimetry. , 2018, , 103-128.		0

#	ARTICLE	IF	CITATIONS
19	Heat Engines. , 2018, , 166-202.		0
20	Chemistry and Electrochemistry. , 2018, , 203-238.		0
21	Matter and Electromagnetic Fields. , 2018, , 241-276.		0
22	Thermodynamics of Continuous Media. , 2018, , 277-307.		0
23	Thermodynamics of Irreversible Processes. , 2018, , 308-360.		0
24	Thermodynamic System and First Law. , 2018, , 363-371.		0
25	Entropy and Second Law. , 2018, , 372-378.		0
26	Thermodynamics of Subsystems. , 2018, , 379-387.		0
27	Thermodynamic Potentials. , 2018, , 388-398.		0
28	Calorimetry. , 2018, , 399-404.		0
29	Heat Engines. , 2018, , 420-438.		0
30	Chemistry and Electrochemistry. , 2018, , 439-455.		0
31	Matter and Electromagnetic Fields. , 2018, , 456-466.		0
32	Thermodynamics of Continuous Media. , 2018, , 467-477.		0
33	Thermodynamics of Irreversible Processes. , 2018, , 478-514.		0