

Michael Eckert

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

197
citations

1478505

6
h-index

1281871

11
g-index

24
all docs

24
docs citations

24
times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	Arnold Sommerfeld. , 2013, , .		49
2	Disputed discovery: the beginnings of X-ray diffraction in crystals in 1912 and its repercussionsThis Laue centennial article has also been published in <i>Zeitschrift für Kristallographie</i> [Eckert (2012). <i>Z. Kristallogr.</i> 227 , 27–35]. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2012, 68, 30-39.	0.3	30
3	Prandtl and the Göttingen school. , 2011, , 40-100.		21
4	How Sommerfeld extended Bohr's model of the atom (1913–1916). <i>European Physical Journal H</i> , 2014, 39, 141-156.	0.8	13
5	Euler and the Fountains of Sanssouci. <i>Archive for History of Exact Sciences</i> , 2002, 56, 451-468.	0.5	12
6	Theory from Wind Tunnels: Empirical Roots of Twentieth Century Fluid Dynamics. <i>Centaurus</i> , 2008, 50, 233-253.	0.6	11
7	Pipe flow: a gateway to turbulence. <i>Archive for History of Exact Sciences</i> , 2021, 75, 249-282.	0.5	7
8	Strategic Internationalism and the Transfer of Technical Knowledge: The United States, Germany, and Aerodynamics after World War I. <i>Technology and Culture</i> , 2005, 46, 104-131.	0.1	6
9	Turbulenz – ein problemhistorischer Abriss. <i>NTM International Journal of History and Ethics of Natural Sciences, Technology and Medicine</i> , 2008, 16, 39-71.	0.5	6
10	From aether impulse to QED: Sommerfeld and the Bremsstrahlen theory. <i>Studies in History and Philosophy of Science Part B - Studies in History and Philosophy of Modern Physics</i> , 2015, 51, 9-22.	1.4	6
11	Ludwig Prandtl and the growth of fluid mechanics in Germany. <i>Comptes Rendus - Mecanique</i> , 2017, 345, 467-476.	2.1	6
12	Ludwig Prandtl – Strömungsforscher und Wissenschaftsmanager. , 2017, , .		6
13	Turbulence before Marseille 1961. <i>Journal of Turbulence</i> , 2012, 13, N44.	1.4	5
14	Die Geburt der modernen Atomtheorie. <i>Physik in Unserer Zeit</i> , 2013, 44, 168-173.	0.0	4
15	Hydraulics for Royal Gardens: Water Art as a Challenge for 18th Century Science and 21st Century Physics Teaching. <i>Science and Education</i> , 2007, 16, 539-548.	2.7	3
16	The early solvay councils and the advent of the quantum era. <i>European Physical Journal: Special Topics</i> , 2015, 224, 2011-2021.	2.6	3
17	Turbulence Research in the 1920s and 1930s between Mathematics, Physics, and Engineering. <i>Science in Context</i> , 2018, 31, 381-404.	0.4	3
18	From X-rays to the h-hypothesis: Sommerfeld and the early quantum theory 1909–1913. <i>European Physical Journal: Special Topics</i> , 2015, 224, 2057-2073.	2.6	2

#	ARTICLE	IF	CITATIONS
19	Arnold Sommerfeld and Condensed Matter Physics. Annual Review of Condensed Matter Physics, 2017, 8, 31-49.	14.5	2
20	Inspired by British inventions: Joseph von Baader (1763–1835) – a Bavarian engineer fighting a losing battle. International Journal for the History of Engineering and Technology, 2019, 89, 216-237.	0.9	0
21	EPJH Editorial. European Physical Journal H, 2021, 46, 1.	0.8	0
22	Extending Bohr’s Model, 1914–1919. SpringerBriefs in History of Science and Technology, 2020, , 35-51.	0.2	0
23	X-rays and Quanta, 1911–1913. SpringerBriefs in History of Science and Technology, 2020, , 27-34.	0.2	0