

Erika C Vreeland

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10533894/publications.pdf>

Version: 2024-02-01

7
papers

318
citations

1684188
5
h-index

1720034
7
g-index

7
all docs

7
docs citations

7
times ranked

620
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Nanoparticle Size Control by Extending LaMer's Mechanism. <i>Chemistry of Materials</i> , 2015, 27, 6059-6066.	6.7	195
2	The relaxation wall: experimental limits to improving MPI spatial resolution by increasing nanoparticle core size. <i>Biomedical Physics and Engineering Express</i> , 2017, 3, 035003.	1.2	66
3	Magnetic relaxometry as applied to sensitive cancer detection and localization. <i>Biomedizinische Technik</i> , 2015, 60, 445-55.	0.8	26
4	Self-Assembled Layering of Magnetic Nanoparticles in a Ferrofluid on Silicon Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 5050-5060.	8.0	22
5	Magnetic Nanocomposites and Their Incorporation into Higher Order Biosynthetic Functional Architectures. <i>ACS Omega</i> , 2018, 3, 503-508.	3.5	6
6	Development of advanced signal processing and source imaging methods for superparamagnetic relaxometry. <i>Physics in Medicine and Biology</i> , 2017, 62, 734-757.	3.0	2
7	Phase-sensitive small-angle neutron scattering experiment. <i>Journal of Physics Communications</i> , 2018, 2, 095018.	1.2	1