

Noriyuki Y Iwata

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4205422/publications.pdf>

Version: 2024-02-01

19
papers

642
citations

933447

10
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Al added high-Cr ODS steels for fuel cladding of next generation nuclear systems. <i>Journal of Nuclear Materials</i> , 2011, 417, 176-179.	2.7	273
2	Sintering behavior and apatite formation of diopside prepared by coprecipitation process. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 34, 239-245.	5.0	70
3	Preparation of diopside with apatite-forming ability by sol-gel process using metal alkoxide and metal salts. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 33, 1-6.	5.0	59
4	The effects of Cr and Al concentrations on the oxidation behavior of oxide dispersion strengthened ferritic alloys. <i>Corrosion Science</i> , 2013, 76, 310-316.	6.6	56
5	Improvement of compatibility of advanced ferritic steels with super critical pressurized water toward a higher thermally efficient water-cooled blanket system. <i>Fusion Engineering and Design</i> , 2006, 81, 1071-1076.	1.9	47
6	Microstructures of brazed and solid-state diffusion bonded joints of tungsten with oxide dispersion strengthened steel. <i>Journal of Nuclear Materials</i> , 2011, 417, 253-256.	2.7	36
7	Evaluation of microstructure and mechanical properties of liquid phase diffusion bonded ODS steels. <i>Fusion Engineering and Design</i> , 2010, 85, 1033-1037.	1.9	18
8	Effects of MA environment on the mechanical and microstructural properties of ODS ferritic steels. <i>Journal of Nuclear Materials</i> , 2011, 417, 162-165.	2.7	18
9	Comparison of irradiation hardening and microstructure evolution in ion-irradiated delta and epsilon hydrides. <i>Journal of Nuclear Materials</i> , 2013, 442, S826-S829.	2.7	15
10	Effect of milling on morphological and microstructural properties of powder particles for High-Cr Oxide dispersion strengthened ferritic steels. <i>Journal of Nuclear Materials</i> , 2007, 367-370, 191-195.	2.7	14
11	Mechanical properties of V ₄ Cr ₄ Ti alloy after first-wall coating with tungsten. <i>Journal of Nuclear Materials</i> , 2011, 417, 306-309.	2.7	9
12	Characterization of Mechanically Alloyed Powders for High-Cr Oxide Dispersion Strengthened Ferritic Steel. <i>ISIJ International</i> , 2009, 49, 1914-1919.	1.4	9
13	Photoluminescence of ZnO Fine Powders Synthesized by Sol-Gel Process. <i>Journal of the Ceramic Society of Japan</i> , 2005, 113, 64-66.	1.3	6
14	Improvements of Apatite-Forming Abilities on Pure and Sodium-Containing Diopside Substrates Using Porous Diopside Thin Films as Nucleating Agent. <i>Materials Research Society Symposia Proceedings</i> , 1999, 599, 169.	0.1	4
15	Preparation of Porous Diopside Microspheres from Spherical Silica Gels Impregnated with Ca(NO ₃) ₂ and MgCl ₂ . <i>Journal of the Ceramic Society of Japan</i> , 2004, 112, 133-137.	1.3	3
16	Effects of milling parameters on the microstructure and Charpy impact properties of MA/ODS ferritic steels. <i>Fusion Engineering and Design</i> , 2018, 126, 24-28.	1.9	3
17	Microstructure and Tensile Properties of ODS Ferritic Steels Produced by Mechanical Alloying in Argon and Hydrogen Gas Environments. <i>Materials Science Forum</i> , 2010, 654-656, 166-169.	0.3	2
18	Unit cell parameter displacement with temperature and oxygen contents in a high-T _c phase Pb-Bi-Sr-Ca-Cu-O system superconductor. <i>Applied Superconductivity</i> , 1997, 5, 87-91.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Preparation of nanosized porous oxide layers on titanium by asymmetric AC electrolysis in sulfuric acid. MRS Communications, 2019, 9, 194-202.	1.8	0