

Ruth Hinrichs

List of Publications by Year in descending order

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16
papers

273
citations

1307594

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h-index

1058476

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16
all docs

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docs citations

16
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of hydrothermal activity on the mineralogical-petrophysical properties of an atypical doleritic reservoir rock: A case study of the Gabes Gulf (north Africa, Tunisia). <i>Journal of African Earth Sciences</i> , 2021, 180, 104241.	2.0	0
2	Evaluation of terrestrial carbonaceous matter aromatization by Raman spectroscopy and its application to C chondrites. <i>Meteoritics and Planetary Science</i> , 2020, 55, 800-817.	1.6	4
3	Heterogeneous gold nanocatalyst applied in the synthesis of 2-aryl-2,3-dihydroquinazolin-4(1H)-ones. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 589, 124455.	4.7	19
4	The influence of nitrogen to hydrogen ratio and temperature on thickness and phase composition in plasma nitrided Ti-6Al-4V. <i>Revista Materia</i> , 2019, 24, .	0.2	1
5	Amorphization of Graphite Flakes in Gray Cast Iron Under Tribological Load. <i>Materials Research</i> , 2018, 21, .	1.3	11
6	Maturity estimation of phytoclasts in strew mounts by micro-Raman spectroscopy. <i>International Journal of Coal Geology</i> , 2017, 173, 1-8.	5.0	41
7	Short range shooting distance estimation using variable pressure SEM images of the surroundings of bullet holes in textiles. <i>Forensic Science International</i> , 2017, 272, 28-36.	2.2	7
8	Non-ohmic behavior of metal-insulator granular thin films in low-field regime ($eI^{\gamma}V \hat{a} \% ^{a} \text{ kBT}$). <i>Journal of Applied Physics</i> , 2016, 120, .	2.5	3
9	Turn on of new electronic paths in Fe-SiO ₂ granular thin film. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	11
10	Simple procedure for an estimation of the coal rank using micro-Raman spectroscopy. <i>International Journal of Coal Geology</i> , 2014, 136, 52-58.	5.0	111
11	Towards the Universal Transport Properties of Metal/Insulator Granular Thin Films in the Low-Field Regime with Increasing Bias Potential or Current. <i>Progress in Nanotechnology and Nanomaterials</i> , 2014, 3, 73-78.	1.3	1
12	Impact of high energy ball milling on the nanostructure of magnetite-graphite and magnetite-graphite-molybdenum disulphide blends. <i>Materials Characterization</i> , 2013, 86, 28-38.	4.4	17
13	Electrical current influence on resistance and localization length of a Co-Al ₂ O ₃ granular thin film. <i>Physica B: Condensed Matter</i> , 2011, 406, 4304-4306.	2.7	7
14	A TEM snapshot of magnetite formation in brakes: The role of the disc's cast iron graphite lamellae in third body formation. <i>Wear</i> , 2011, 270, 365-370.	3.1	33
15	Hardness evaluation, stoichiometry and grain size of titanium nitride films obtained with plasma nitriding on Ti-6Al-4V samples. <i>Revista Materia</i> , 2010, 15, 299-302.	0.2	5
16	Mesoporous structured silica modified with niobium oxide and cobalt hematoporphyrin applied to the simultaneous electrochemical evaluation of oxalic and uric acids. <i>Journal of Sol-Gel Science and Technology</i> , 0, , 1.	2.4	2