

Philippe Berne

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

157
citations

1163117

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h-index

1199594

12
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14
all docs

14
docs citations

14
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Innovating Materials for Distributing Mixtures of Hydrogen and Natural Gas. Study of the Barrier Properties and Durability of Polymer Pipes. Oil and Gas Science and Technology, 2015, 70, 305-315.	1.4	41
2	Pore gas connectivity analysis in Callovo-Oxfordian argillite. Applied Clay Science, 2008, 42, 276-283.	5.2	25
3	Characterization of a packed column using radioactive tracers. Chemical Engineering Science, 1999, 54, 91-101.	3.8	19
4	Diffusion of dissolved CO2 in caprock. Energy Procedia, 2009, 1, 3461-3468.	1.8	15
5	Simulation of a radiotracer experiment by flow and detection-chain modelling: a first step towards better interpretation. Applied Radiation and Isotopes, 2004, 60, 855-861.	1.5	12
6	Experiments to estimate gas intrusion in Callovo-oxfordian argillites. Physics and Chemistry of the Earth, 2008, 33, S225-S230.	2.9	11
7	Recent developments in radioactive tracers methodology. Applied Radiation and Isotopes, 1999, 51, 615-624.	1.5	10
8	Use of tracers to characterize the effects of a CO2-saturated brine on the petrophysical properties of a low permeability carbonate caprock. Chemical Engineering Research and Design, 2011, 89, 1817-1826.	5.6	10
9	A systemic approach for the characterization of ion exchange in the altered layer of a non-radioactive nuclear glass. Chemical Engineering Science, 2002, 57, 3427-3438.	3.8	3
10	Characterisation of diffusion/permeation properties of materials by tracer methods. International Journal of Materials and Product Technology, 2006, 26, 292.	0.2	3
11	High temperature chemical vapor deposition of AlN/W1âˆ™xRex coatings on bulk SiC. Surface and Coatings Technology, 2010, 205, 1302-1306.	4.8	3
12	New Materials for Hydrogen Distribution Networks: Materials Development & Technico-Economic Benchmark. Defect and Diffusion Forum, 0, 323-325, 407-412.	0.4	3
13	Characterization of two-phase flow regimes in horizontal tubes using 81mKr tracer experiments. Applied Radiation and Isotopes, 2008, 66, 1363-1370.	1.5	2
14	Latest methodological developments for the measurement of diffusion and permeation coefficients in concretes and clays. , 2009, , .		0