

# Philippe Berne

## List of Publications by Year in descending order

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14  
papers

157  
citations

1163117

8  
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	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
3	High temperature chemical vapor deposition of AlN/W1â”xRex coatings on bulk SiC. Surface and Coatings Technology, 2010, 205, 1302-1306.	4.8	3
4	Latest methodological developments for the measurement of diffusion and permeation coefficients in concretes and clays. , 2009, , .		0
5	Diffusion of dissolved CO2 in caprock. Energy Procedia, 2009, 1, 3461-3468.	1.8	15
6	Characterization of two-phase flow regimes in horizontal tubes using 81mKr tracer experiments. Applied Radiation and Isotopes, 2008, 66, 1363-1370.	1.5	2
7	Experiments to estimate gas intrusion in Callovo-oxfordian argillites. Physics and Chemistry of the Earth, 2008, 33, S225-S230.	2.9	11
8	Pore gas connectivity analysis in Callovo-Oxfordian argillite. Applied Clay Science, 2008, 42, 276-283.	5.2	25
9	Characterisation of diffusion/permeation properties of materials by tracer methods. International Journal of Materials and Product Technology, 2006, 26, 292.	0.2	3
10	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
11	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
12	Recent developments in radioactive tracers methodology. Applied Radiation and Isotopes, 1999, 51, 615-624.	1.5	10
13	Characterization of a packed column using radioactive tracers. Chemical Engineering Science, 1999, 54, 91-101.	3.8	19
14	New Materials for Hydrogen Distribution Networks: Materials Development & Technico-Economic Benchmark. Defect and Diffusion Forum, 0, 323-325, 407-412.	0.4	3