

R R Smith

List of Publications by Year in descending order

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5
papers

675
citations

1684188

5
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

371
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Preference for Vibrational over Translational Energy in a Gas-Surface Reaction. <i>Science</i> , 2004, 304, 992-995. | 12.6 | 264 |
| 2 | Eigenstate-Resolved Studies of Gas-Surface Reactivity: CH ₄ ($\hat{1}/23$) Dissociation on Ni(100). <i>Physical Review Letters</i> , 1999, 83, 868-871. | 7.8 | 195 |
| 3 | Comparative Study of C-H Stretch and Bend Vibrations in Methane Activation on Ni(100) and Ni(111). <i>Physical Review Letters</i> , 2005, 94, 208303. | 7.8 | 131 |
| 4 | Surface Temperature Dependence of Methane Activation on Ni(111). <i>Journal of Physical Chemistry C</i> , 2009, 113, 20618-20622. | 3.1 | 54 |
| 5 | Controlling Surface Chemistry with Light: A Spatially Resolved Deposition of Rovibrational-State-Selected Molecules. <i>Journal of Physical Chemistry B</i> , 2000, 104, 3327-3336. | 2.6 | 31 |