

# Nicholas J B Green

## List of Publications by Year in descending order

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14  
papers

418  
citations

1040056

9  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic models of multi-species kinetics in radiation-induced spurs. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1986, 82, 2673.	1.0	87
2	Stochastic model based on pair distribution functions for reaction in a radiation-induced spur containing one type of radical. <i>The Journal of Physical Chemistry</i> , 1982, 86, 1318-1321.	2.9	74
3	Stochastic models of diffusion-controlled ionic reactions in radiation-induced spurs. 1. High-permittivity solvents. <i>The Journal of Physical Chemistry</i> , 1987, 91, 4417-4422.	2.9	55
4	Monte Carlo simulation of diffusion and reaction in radiation-induced spurs. Comparisons with analytic models. <i>The Journal of Physical Chemistry</i> , 1982, 86, 1322-1327.	2.9	54
5	Stochastic models of diffusion-controlled ionic reactions-induced spurs. 2. Low-permittivity solvents. <i>The Journal of Physical Chemistry</i> , 1989, 93, 8025-8031.	2.9	48
6	Stochastic modeling of partially diffusion-controlled reactions in spur kinetics. <i>The Journal of Physical Chemistry</i> , 1992, 96, 9338-9348.	2.9	23
7	Asymptotic analysis of diffusion-influenced kinetics with a potential. <i>The Journal of Physical Chemistry</i> , 1989, 93, 5462-5467.	2.9	22
8	Spin Effects on Spur Kinetics. 4. Incorporating a Realistic Exchange Interaction. <i>The Journal of Physical Chemistry</i> , 1996, 100, 8807-8814.	2.9	18
9	Radiation track structure simulation in a molecular medium. <i>Research on Chemical Intermediates</i> , 2001, 27, 529-538.	2.7	10
10	Developing a skills-based practical chemistry programme: an integrated, spiral curriculum approach. <i>Chemistry Teacher International</i> , 2022, 4, 243-257.	1.7	9
11	Competition between Geminate Recombination and Reaction with a Macromolecule. <i>Journal of Physical Chemistry A</i> , 1998, 102, 730-739.	2.5	7
12	Spin Effects on Spur Kinetics. 5. Modeling of Coherent Phenomena. <i>Journal of Physical Chemistry A</i> , 1999, 103, 4446-4456.	2.5	7
13	Scavenging and recombination kinetics in radiation chemistry. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 20016-20028.	2.8	3
14	On the approximation of independent pairs in diffusion kinetics: correlation of distances in a three-body system. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2872-2879.	2.8	1