

# Nick Evans

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

892  
citations

567281

15  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1185  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative study of radium and strontium behaviour in contact with cementitious materials. Applied Geochemistry, 2020, 122, 104713.	3.0	8
2	The use of columns of the zeolite clinoptilolite in the remediation of aqueous nuclear waste streams. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 2473-2491.	1.5	27
3	Solubility constraints affecting the migration of selenium through the cementitious backfill of a geological disposal facility. Journal of Hazardous Materials, 2016, 305, 21-29.	12.4	7
4	Retention of chlorine-36 by a cementitious backfill. Mineralogical Magazine, 2015, 79, 1297-1305.	1.4	10
5	Inhibition of the formation and stability of inorganic colloids in the alkaline disturbed zone of a cementitious repository. Mineralogical Magazine, 2015, 79, 1419-1431.	1.4	1
6	Effect of anthropogenic organic complexants on the solubility of Ni, Th, U(IV) and U(VI). Journal of Hazardous Materials, 2015, 300, 553-560.	12.4	8
7	Comparison of the chemical composition of British and Continental European bottled waters by multivariate analysis. Journal of Food Composition and Analysis, 2015, 39, 33-42.	3.9	26
8	Uranium and technetium interactions with wüstite [Fe <sub>1-x</sub> O] and portlandite [Ca(OH) <sub>2</sub> ] surfaces under geological disposal facility conditions. Mineralogical Magazine, 2014, 78, 1097-1113.	1.4	6
9	Hydrothermal Conversion of One-Photon-Fluorescent Poly(4-vinylpyridine) into Two-Photon-Fluorescent Carbon Nanodots. Langmuir, 2014, 30, 11746-11752.	3.5	24
10	Hydrothermal wrapping with poly(4-vinylpyridine) introduces functionality: pH-sensitive core-shell carbon nanomaterials. Journal of Materials Chemistry A, 2013, 1, 4559.	10.3	6
11	Understanding the Solution Behavior of Minor Actinides in the Presence of EDTA <sup>4-</sup> , Carbonate, and Hydroxide Ligands. Inorganic Chemistry, 2013, 52, 3728-3737.	4.0	11
12	Sorption of radionuclides to a cementitious backfill material under near-field conditions. Mineralogical Magazine, 2012, 76, 3401-3410.	1.4	10
13	The complexation of Tc(IV) with EDTA and picolinic acid at high pH. Mineralogical Magazine, 2012, 76, 3435-3438.	1.4	3
14	Effect of competition from other metals on nickel complexation by Î±-isosaccharinic, gluconic and picolinic acids. Mineralogical Magazine, 2012, 76, 3425-3434.	1.4	5
15	Geological disposal of radioactive waste: underpinning science and technology. Mineralogical Magazine, 2012, 76, 2865-2871.	1.4	1
16	Prediction and measurement of complexation of radionuclide mixtures by Î±-isosaccharinic, gluconic and picolinic acids. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 725-730.	1.5	8
17	The effects of humic substances on the transport of radionuclides: Recent improvements in the prediction of behaviour and the understanding of mechanisms. Applied Geochemistry, 2012, 27, 378-389.	3.0	59
18	Influence of humic acid on the sorption of uranium(IV) to kaolin. Environmental Chemistry Letters, 2011, 9, 25-30.	16.2	16

#	ARTICLE	IF	CITATIONS
19	Sorption of Tc(IV) to some geological materials with reference to radioactive waste disposal. Mineralogical Magazine, 2011, 75, 2439-2448.	1.4	3
20	Carbon nanoparticle surface functionalisation: converting negatively charged sulfonate to positively charged sulfonamide. Physical Chemistry Chemical Physics, 2010, 12, 4872.	2.8	27
21	Binding mechanisms of radionuclides to cement. Cement and Concrete Research, 2008, 38, 543-553.	11.0	128
22	Complexation parameters for the actinides(IV)-humic acid system: a search for consistency and application to laboratory and field observations. Radiochimica Acta, 2008, 96, 345-358.	1.2	35
23	The solubility of technetium(IV) at high pH. Radiochimica Acta, 2007, 95, 709-716.	1.2	25
24	The role of humic non-exchangeable binding in the promotion of metal ion transport in groundwaters in the environment. Journal of Environmental Monitoring, 2007, 9, 329.	2.1	23
25	Studies on some divalent metal $\hat{\pm}$ -isosaccharinic acid complexes. Radiochimica Acta, 2006, 94, .	1.2	15
26	Spectrophotometric determination of uranium with arsenazo-III in perchloric acid. Chemosphere, 2006, 63, 1165-1169.	8.2	166
27	Studies on Metal Gluconic Acid Complexes. Materials Research Society Symposia Proceedings, 2006, 932, 1.	0.1	2
28	Stability constants of U(VI) and U(IV)-humic acid complexes. Journal of Radioanalytical and Nuclear Chemistry, 2005, 266, 179-190.	1.5	24
29	Arsenic's Interaction with Humic Acid. Environmental Chemistry, 2005, 2, 119.	1.5	131
30	Stability constants of uranium(IV)- $\hat{\pm}$ -isosaccharinic acid and gluconic acid complexes. Radiochimica Acta, 2004, 92, 897-902.	1.2	47
31	Complexation of Ni(II) by $\hat{\pm}$ -isosaccharinic acid and gluconic acid from pH 7 to pH 13. Radiochimica Acta, 2003, 91, 233-240.	1.2	30